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Date: August 21, 2008

To: Anaconda Deer Lodge County

From: Kuipers & Associates

Subject: **Ambient Air Quality Monitoring
Opportunity and Warm Springs Sites
July 2008 Monthly Report**

This July 2008 report documents the ambient air quality monitoring program conducted by Kuipers & Associates on behalf of Anaconda Deer Lodge County at Opportunity and Warm Springs locations adjacent to the Atlantic Richfield Lower Waste Management Area. Parameters monitored include Total Suspended Particulate (TSP) at Opportunity and PM10 at Warm Springs. Wind speed, wind direction, temperature and relative humidity are monitored at both sites. TSP monitoring was initiated at Opportunity on July 1 in order to measure the total airborne particulate levels, because it is suspected that much of the airborne particulate (particularly during the visible dust events occasionally reported by Opportunity residents) is larger than 10 microns in diameter. Collection of TSP also increases the feasibility of quantitatively analyzing the particulate monitor's sampling tape for trace metals.

All data, discussion and conclusions provided in this report are preliminary and will undergo a complete quality assurance review prior to issuance of final results in quarterly and annual reports in accordance with the project Sampling and Analysis Plan. Results for the month are summarized as follows:

- Hourly average data were collected continuously by the monitors from July 1st through July 31st, with 99.1% availability for PM10/TSP at the Opportunity location and 99.5% availability for PM10 at the Warm Springs location. The particulate sampling at Opportunity was changed from PM10 to TSP on July 1 at 11:08 MST. The summarized results for Opportunity presented herein pertain to TSP. However, hourly PM10 values for Opportunity (monitored for only the first eleven hours in July) are included in Table 5.
 - Downtime at the Opportunity location occurred on July 1 at 12:00 MST and on July 25 at 14:00 MST for monthly calibration checks and routine maintenance. Additional downtime occurred at Opportunity on July 18 from 15:00 through 19:00 MST because of a power outage.
 - Downtime at the Warm Springs location occurred on July 1 at 11:00 MST and on July 25 at 12:00 MST for monthly calibration checks and routine maintenance.

Downtime also occurred on July 19 at 19:00 and 20:00 MST for sample pump replacement.

- The hourly average data record for the month is attached. Current data is available for real-time electronic download on demand, and public viewing at <http://ka.airsis.com/vision/login.aspx?ReturnUrl=%2fvision%2fDefault.aspx> (Username = ADLC, Password = OCPA).
- At the Opportunity location the maximum TSP reading for the period on a daily average basis was 72 µg/m³, and the average monthly concentration for July was 33 µg/m³. The maximum reading for the period on an hourly average basis was 251 µg/m³. This value was associated with light southwesterly winds. The four highest daily and hourly maximum values are summarized in Table 1, and the average daily data for the month is attached together with meteorological information in Table 3.
- At the Warm Springs location the maximum PM10 reading for the period on a daily average basis was 26 µg/m³, and the average monthly concentration for July was 14 µg/m³. The maximum reading for the period on an hourly average basis was 179 µg/m³. This value was associated with south-southwesterly winds. The four highest daily and hourly maximum values are summarized in Table 2, and the average daily data for the month is attached together with meteorological information in Table 4.

Table 1
Opportunity Site TSP Maximum Data, July 2008

Maximum	TSP (µg/m3)	Date & Time (MST)	Wind Speed (mph)	Wind Direction (deg)
Daily 1st Max	72	7/1/2008	4.0	279
Daily 2nd Max	72	7/10/2008	6.4	265
Daily 3rd Max	51	7/11/2008	6.3	357
Daily 4th Max	50	7/16/2008	3.2	220

Hourly 1st Max	251	7/1/2008 13:00	6.5	230
Hourly 2nd Max	231	7/10/2008 14:00	7.8	266
Hourly 3rd Max	223	7/1/2008 20:00	10.1	299
Hourly 4th Max	191	7/11/2008 2:00	6.3	291

Table 2
Warm Springs Site PM10 Maximum Data, July 2008

Maximum	PM10 (µg/m3)	Date & Time (MST)	Wind Speed (mph)	Wind Direction (deg)
Daily 1st Max	26	7/23/2008	4.0	207
Daily 2nd Max	24	7/16/2008	3.6	207
Daily 3rd Max	24	7/27/2008	3.2	232
Daily 4th Max	18	7/5/2008	2.0	36

Hourly 1st Max	179	7/23/2008 4:00	1.1	208
Hourly 2nd Max	87	7/3/2008 22:00	8.7	159
Hourly 3rd Max	81	7/2/2008 2:00	0.9	272
Hourly 4th Max	78	7/23/2008 5:00	1.6	269

- There are no Montana or Federal air quality standards for TSP; both were replaced by the current PM10 standard in 1987. Prior to 1987 the Montana annual TSP standard was 75 $\mu\text{g}/\text{m}^3$, while the 24-hour standard was 200 $\mu\text{g}/\text{m}^3$ and there was no hourly standard. TSP results for July at Opportunity were below those historical standards. Sampling at the Opportunity site was switched from PM10 to TSP on July 1 to obtain data on total airborne particulate. Monitoring for PM10 from May 2007 through June of 2008 showed that PM10 concentrations were consistently below regulatory levels. To facilitate comparison with previously collected PM10 data, the TSP data are being reported at Local temperature and pressure conditions.
- Daily average PM10 results for the month of July were well below the 24-hour Montana Ambient Air Quality Standard of 150 $\mu\text{g}/\text{m}^3$ at the Warm Springs monitoring site. The average monthly concentration was below the annual PM10 standard of 50 $\mu\text{g}/\text{m}^3$. There currently is no State or Federal standard for hourly PM10 data.
- Precipitation for the month was below normal, based on the Butte airport records.
- Wind roses are attached to graphically depict prevailing winds.
 - Figure 1 shows the Opportunity location, where the predominant wind directions in July were southwesterly. North-northeasterly winds also were common.
 - Figure 2 shows the Warm Springs location, where the predominant wind directions were northerly and southerly.
- If a dust storm event or nuisance dust in general is observed, please contact us so that we may respond, and try to quantify and document the problem. We are available seven days per week 24 hours per day and ask that you contact the following (in order) until someone is notified.

Dust Event Contacts:

Steve Heck	498-4199
Jim Kuipers	782-3441, then 459-0445
Sarah Zuzulock	585-9932, then 581-1355

Table 3
Opportunity Site Daily Average Data

Date	TSP Daily ($\mu\text{g}/\text{m}^3$)	Wind Speed Daily (meters per second)	Wind Speed Daily (miles per hour)	Wind Direction Daily (degrees true)	Air Temperature Daily (Celsius)	Air Temperature Daily (Fahrenheit)	Relative Humidity Daily (percent)
July 1, 2008	72	1.8	4.0	279	18.3	65.0	55
July 2, 2008	21	1.8	4.1	5	16.4	61.6	67
July 3, 2008	34	1.7	3.8	41	19.6	67.3	59
July 4, 2008	44	2.1	4.6	174	21.5	70.7	55
July 5, 2008	33	1.4	3.1	17	15.6	60.1	71
July 6, 2008	24	1.9	4.1	29	17.2	62.9	54
July 7, 2008	31	1.9	4.2	357	17.0	62.6	47
July 8, 2008	33	2.2	4.8	321	17.7	63.9	43
July 9, 2008	35	1.6	3.6	227	19.0	66.3	41
July 10, 2008	72	2.9	6.4	265	20.4	68.7	33
July 11, 2008	51	2.8	6.3	357	14.4	58.0	26
July 12, 2008	20	1.6	3.5	5	14.2	57.6	40
July 13, 2008	25	2.0	4.4	298	18.2	64.7	34
July 14, 2008	29	2.3	5.1	265	19.3	66.7	30
July 15, 2008	33	2.6	5.8	21	17.4	63.3	42
July 16, 2008	50	1.4	3.2	220	16.8	62.2	50
July 17, 2008	28	1.5	3.3	302	17.4	63.3	46
July 18, 2008	21	1.5	3.3	240	14.5	58.1	53
July 19, 2008	16	1.7	3.8	26	16.0	60.8	41
July 20, 2008	26	1.6	3.6	242	17.1	62.8	44
July 21, 2008	33	1.8	4.0	21	21.7	71.1	39
July 22, 2008	21	1.8	3.9	241	16.5	61.7	70
July 23, 2008	28	2.0	4.5	247	18.5	65.3	53
July 24, 2008	20	2.1	4.7	3	16.5	61.8	51
July 25, 2008	23	1.7	3.8	22	18.5	65.3	51
July 26, 2008	32	2.2	4.8	261	21.5	70.7	41
July 27, 2008	35	1.8	4.1	277	19.8	67.7	43
July 28, 2008	38	2.0	4.4	23	18.0	64.5	46
July 29, 2008	46	2.5	5.5	233	19.8	67.6	36
July 30, 2008	30	2.6	5.7	315	18.7	65.6	36
July 31, 2008	35	1.8	4.1	220	17.4	63.2	38

Table 4
Warm Springs Site Daily Average Data

Date	PM10 Daily ($\mu\text{g}/\text{m}^3$)	Wind Speed Daily (meters per second)	Wind Speed Daily (miles per hour)	Wind Direction Daily (degrees true)	Air Temperature Daily (Celsius)	Air Temperature Daily (Fahrenheit)	Relative Humidity Daily (percent)
July 1, 2008	10	1.7	3.7	262	18.6	65.5	57
July 2, 2008	13	1.3	3.0	340	16.6	61.8	71
July 3, 2008	18	1.6	3.7	220	20.4	68.7	59
July 4, 2008	16	2.1	4.7	193	21.7	71.0	56
July 5, 2008	18	0.9	2.0	36	15.9	60.7	73
July 6, 2008	9	1.2	2.8	28	17.6	63.6	56
July 7, 2008	11	1.3	3.0	352	17.5	63.4	51
July 8, 2008	16	1.4	3.1	61	18.0	64.4	47
July 9, 2008	12	1.5	3.4	157	19.4	66.8	45
July 10, 2008	14	3.3	7.3	266	21.1	70.0	33
July 11, 2008	16	1.7	3.7	346	14.8	58.6	29
July 12, 2008	6	1.4	3.1	300	14.9	58.9	43
July 13, 2008	7	1.5	3.5	311	18.2	64.7	38
July 14, 2008	9	2.7	6.0	251	19.8	67.6	33
July 15, 2008	14	1.6	3.5	9	17.9	64.2	44
July 16, 2008	24	1.6	3.6	207	17.5	63.4	51
July 17, 2008	16	1.4	3.1	301	18.3	64.9	47
July 18, 2008	9	1.4	3.2	174	16.5	61.7	51
July 19, 2008	6	1.4	3.2	165	15.6	60.1	46
July 20, 2008	13	1.4	3.2	178	18.2	64.8	43
July 21, 2008	16	1.5	3.3	42	22.4	72.4	38
July 22, 2008	13	1.7	3.9	200	17.0	62.6	72
July 23, 2008	26	1.8	4.0	207	18.3	64.9	58
July 24, 2008	14	1.4	3.0	348	17.1	62.8	54
July 25, 2008	13	1.3	2.8	337	18.9	66.1	53
July 26, 2008	18	1.7	3.9	226	21.5	70.8	43
July 27, 2008	24	1.4	3.2	232	20.2	68.3	44
July 28, 2008	16	1.3	2.9	38	18.7	65.6	48
July 29, 2008	14	2.7	6.1	207	20.3	68.5	36
July 30, 2008	12	2.4	5.4	307	18.4	65.2	41
July 31, 2008	6	2.2	4.9	194	17.8	64.0	40

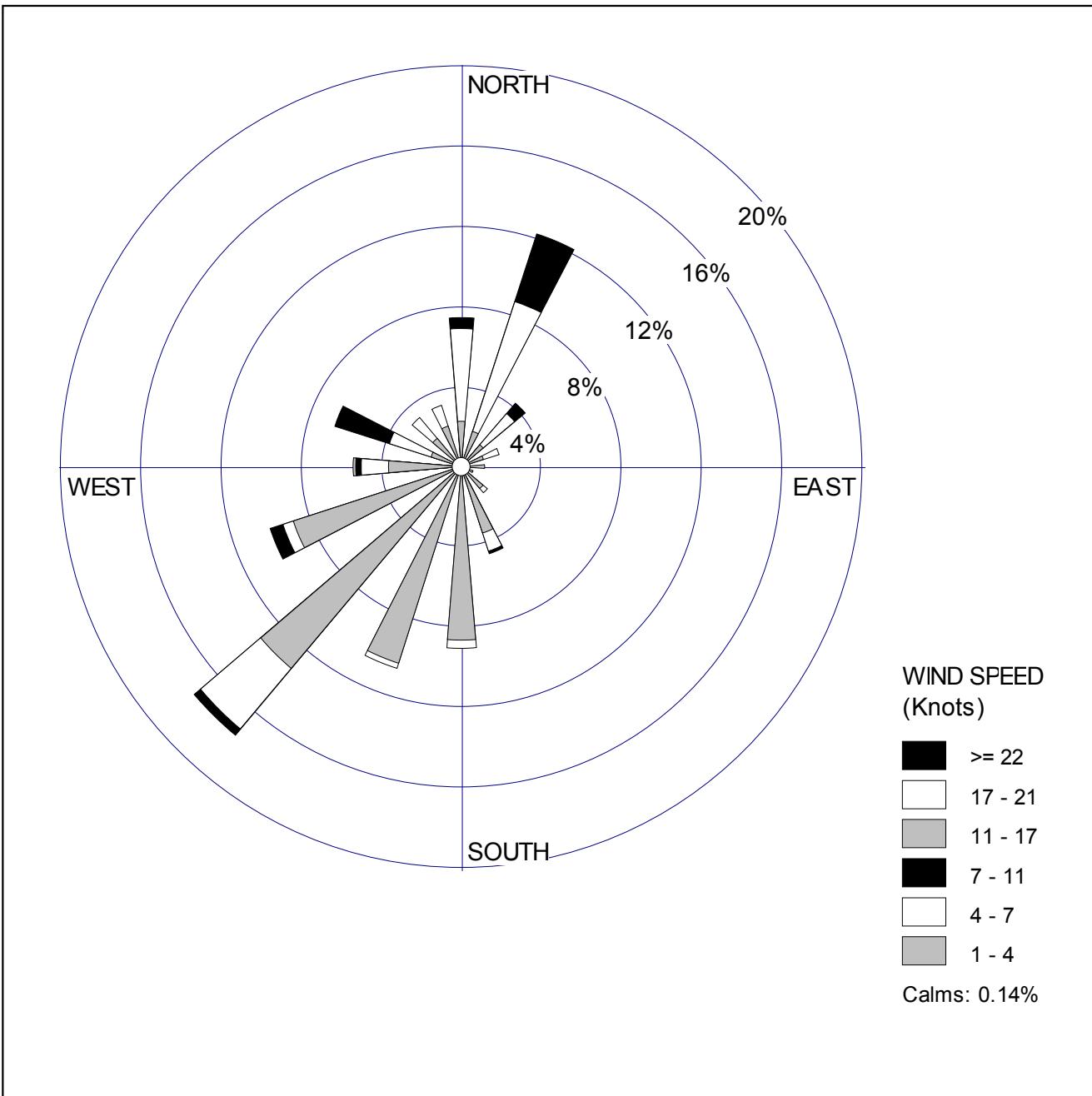


Figure 1. Wind Rose (percent of time blowing from indicated direction) for Opportunity EBAM Site July 2008.

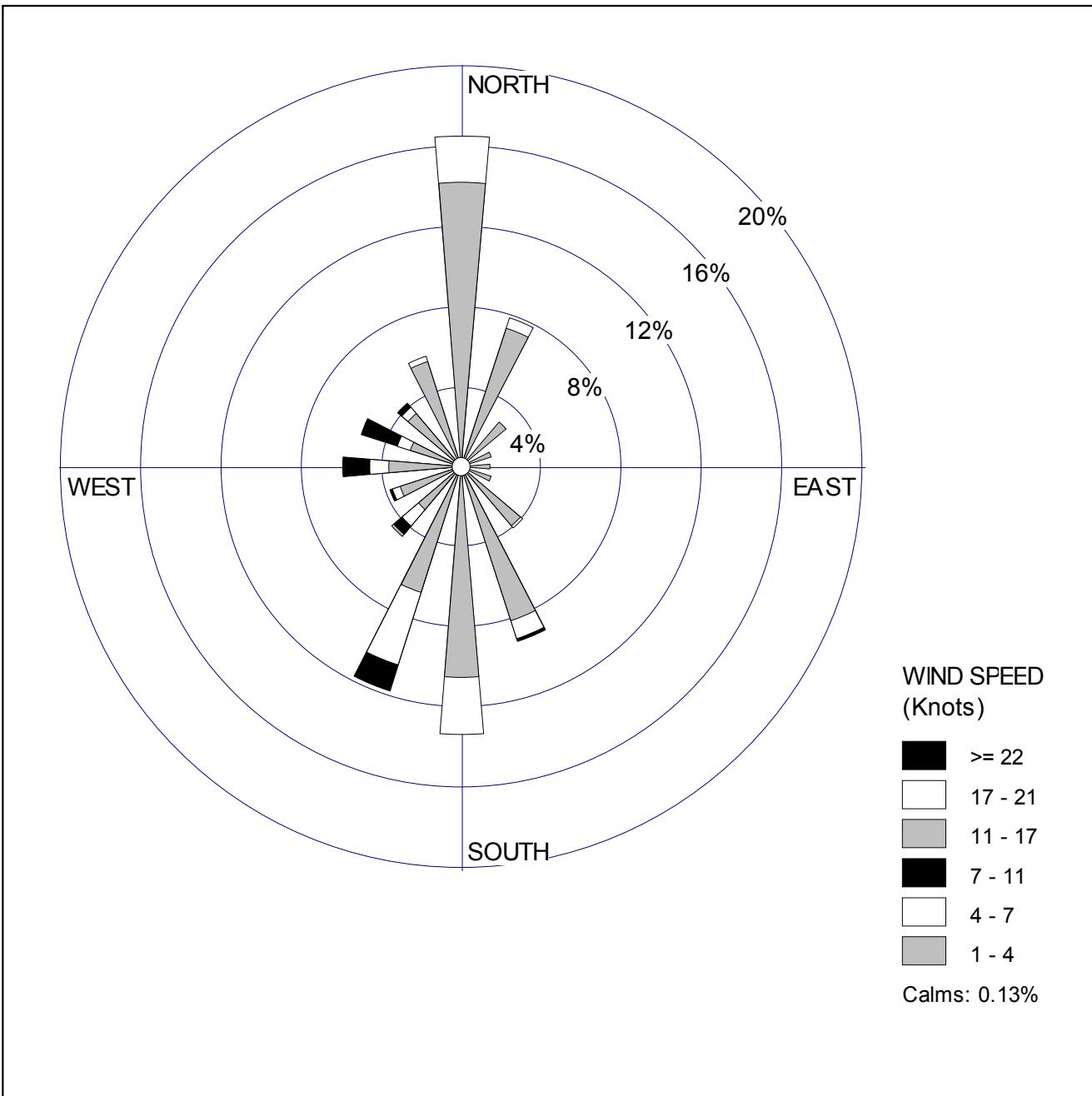


Figure 2. Wind Rose (percent of time blowing from indicated direction) for Warm Springs EBAM Site July 2008.

Table 5
Opportunity Site Hourly Average Data
Met One E-BAM
July 2008

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly ($\mu\text{g}/\text{m}^3$)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
7/1/2008 1:00	12 (1)	1.1	2.5	236	17.6	63.7	53
7/1/2008 2:00	6 (1)	1.9	4.3	228	17.0	62.6	52
7/1/2008 3:00	10 (1)	0.9	2.0	212	14.2	57.6	61
7/1/2008 4:00	12 (1)	1.1	2.5	192	12.5	54.5	67
7/1/2008 5:00	9 (1)	1.1	2.5	260	11.3	52.3	71
7/1/2008 6:00	16 (1)	1.2	2.7	174	12.3	54.1	72
7/1/2008 7:00	3 (1)	1.3	2.9	213	13.1	55.6	66
7/1/2008 8:00	7 (1)	1.0	2.2	173	17.3	63.1	55
7/1/2008 9:00	11 (1)	0.7	1.6	326	18.4	65.1	55
7/1/2008 10:00	8 (1)	1.3	2.9	18	20.4	68.7	46
7/1/2008 11:00	15 (1)	1.2	2.7	309	20.4	68.7	47
7/1/2008 12:00	BA	1.2	2.7	93	22.6	72.7	43
7/1/2008 13:00	251	2.9	6.5	230	22.0	71.6	47
7/1/2008 14:00	31	2.2	4.9	294	20.4	68.7	52
7/1/2008 15:00	84	1.2	2.7	90	23.9	75.0	41
7/1/2008 16:00	47	1.7	3.8	131	24.7	76.5	40
7/1/2008 17:00	16	1.2	2.7	320	24.7	76.5	38
7/1/2008 18:00	25	1.2	2.7	83	26.5	79.7	32
7/1/2008 19:00	32	1.4	3.1	25	24.5	76.1	39
7/1/2008 20:00	223	4.5	10.1	299	20.4	68.7	50
7/1/2008 21:00	101	5.8	13.0	279	16.7	62.1	59
7/1/2008 22:00	34	3.5	7.8	318	15.2	59.4	67
7/1/2008 23:00	8	2.1	4.7	309	12.2	54.0	85
7/2/2008 0:00	10	0.9	2.0	312	11.1	52.0	90
7/2/2008 1:00	-4	0.9	2.0	243	9.6	49.3	92
7/2/2008 2:00	104	0.6	1.3	239	8.5	47.3	93
7/2/2008 3:00	28	0.5	1.1	262	7.9	46.2	93
7/2/2008 4:00	-5	0.7	1.6	259	8.9	48.0	93
7/2/2008 5:00	32	0.9	2.0	161	9.8	49.6	91
7/2/2008 6:00	0	0.9	2.0	198	9.4	48.9	85
7/2/2008 7:00	23	1.0	2.2	193	12.2	54.0	74
7/2/2008 8:00	30	1.8	4.0	147	15.0	59.0	69
7/2/2008 9:00	16	1.6	3.6	58	16.7	62.1	63
7/2/2008 10:00	30	2.2	4.9	29	18.2	64.8	59
7/2/2008 11:00	19	2.3	5.1	36	19.5	67.1	56
7/2/2008 12:00	8	3.0	6.7	11	19.7	67.5	56
7/2/2008 13:00	13	2.9	6.5	19	21.5	70.7	51
7/2/2008 14:00	12	3.1	6.9	14	22.9	73.2	46
7/2/2008 15:00	13	3.3	7.4	17	23.6	74.5	43
7/2/2008 16:00	24	3.5	7.8	9	24.0	75.2	43
7/2/2008 17:00	18	3.4	7.6	11	23.9	75.0	45
7/2/2008 18:00	15	3.2	7.2	3	23.5	74.3	45
7/2/2008 19:00	16	2.6	5.8	350	22.3	72.1	50
7/2/2008 20:00	18	1.4	3.1	323	20.8	69.4	55
7/2/2008 21:00	26	0.9	2.0	249	17.7	63.9	66
7/2/2008 22:00	41	1.0	2.2	255	14.5	58.1	77
7/2/2008 23:00	25	1.1	2.5	240	12.8	55.0	82
7/3/2008 0:00	7	0.9	2.0	234	11.5	52.7	85
7/3/2008 1:00	17	1.0	2.2	237	11.4	52.5	86
7/3/2008 2:00	25	0.8	1.8	240	9.7	49.5	89
7/3/2008 3:00	16	0.9	2.0	231	9.1	48.4	91
7/3/2008 4:00	-5	0.9	2.0	244	8.8	47.8	92
7/3/2008 5:00	-5	0.7	1.6	208	8.1	46.6	92
7/3/2008 6:00	39	0.9	2.0	155	8.8	47.8	88
7/3/2008 7:00	15	0.9	2.0	169	12.9	55.2	74
7/3/2008 8:00	23	0.8	1.8	188	17.0	62.6	62
7/3/2008 9:00	25	1.0	2.2	51	19.4	66.9	56
7/3/2008 10:00	25	1.3	2.9	12	21.3	70.3	52
7/3/2008 11:00	23	1.5	3.4	54	23.6	74.5	46
7/3/2008 12:00	24	1.8	4.0	32	25.7	78.3	42
7/3/2008 13:00	29	1.9	4.3	21	27.3	81.1	37
7/3/2008 14:00	52	2.4	5.4	18	28.9	84.0	33
7/3/2008 15:00	58	2.8	6.3	5	29.4	84.9	30
7/3/2008 16:00	59	2.8	6.3	9	29.7	85.5	28
7/3/2008 17:00	50	2.4	5.4	348	28.4	83.1	31
7/3/2008 18:00	39	1.9	4.3	344	26.8	80.2	37
7/3/2008 19:00	52	1.3	2.9	311	25.3	77.5	41
7/3/2008 20:00	88	2.3	5.1	176	22.0	71.6	50
7/3/2008 21:00	82	2.2	4.9	208	20.0	68.0	59
7/3/2008 22:00	28	2.9	6.5	180	18.6	65.5	68
7/3/2008 23:00	25	2.1	4.7	180	18.9	66.0	64
7/4/2008 0:00	33	3.6	8.1	148	19.7	67.5	57
7/4/2008 1:00	20	1.5	3.4	211	18.9	66.0	56
7/4/2008 2:00	35	2.4	5.4	166	20.1	68.2	49
7/4/2008 3:00	80	4.3	9.6	148	20.0	68.0	50
7/4/2008 4:00	26	1.2	2.7	191	17.1	62.8	61
7/4/2008 5:00	39	1.0	2.2	232	14.5	58.1	70
7/4/2008 6:00	33	1.4	3.1	209	15.6	60.1	63
7/4/2008 7:00	22	1.5	3.4	173	19.0	66.2	53
7/4/2008 8:00	23	1.9	4.3	168	22.0	71.6	47
7/4/2008 9:00	31	2.5	5.6	166	25.0	77.0	38
7/4/2008 10:00	40	3.2	7.2	150	27.2	81.0	33
7/4/2008 11:00	36	1.9	4.3	181	29.3	84.7	27
7/4/2008 12:00	45	1.6	3.6	157	31.4	88.5	22
7/4/2008 13:00	73	1.7	3.8	127	33.2	91.8	19

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
7/4/2008 14:00	116	1.5	3.4	156	33.3	91.9	20
7/4/2008 15:00	70	3.5	7.8	57	28.6	83.5	32
7/4/2008 16:00	79	3.2	7.2	263	25.7	78.3	38
7/4/2008 17:00	54	3.5	7.8	14	22.6	72.7	53
7/4/2008 18:00	20	2.0	4.5	15	20.3	68.5	63
7/4/2008 19:00	28	2.6	5.8	327	18.8	65.8	74
7/4/2008 20:00	40	2.6	5.8	315	18.3	64.9	77
7/4/2008 21:00	28	1.1	2.5	256	14.7	58.5	90
7/4/2008 22:00	18	1.3	2.9	209	14.2	57.6	92
7/4/2008 23:00	54	1.3	2.9	152	13.9	57.0	89
7/5/2008 0:00	41	0.9	2.0	231	12.8	55.0	92
7/5/2008 1:00	28	1.1	2.5	188	12.5	54.5	92
7/5/2008 2:00	26	0.9	2.0	169	11.5	52.7	92
7/5/2008 3:00	15	1.0	2.2	214	10.7	51.3	92
7/5/2008 4:00	86	0.7	1.6	262	9.1	48.4	93
7/5/2008 5:00	46	0.6	1.3	241	8.5	47.3	93
7/5/2008 6:00	34	0.8	1.8	197	9.7	49.5	91
7/5/2008 7:00	21	0.9	2.0	189	12.2	54.0	81
7/5/2008 8:00	30	0.8	1.8	174	14.5	58.1	76
7/5/2008 9:00	18	0.9	2.0	139	14.7	58.5	79
7/5/2008 10:00	30	0.9	2.0	34	16.7	62.1	68
7/5/2008 11:00	41	1.4	3.1	9	17.3	63.1	67
7/5/2008 12:00	28	1.7	3.8	27	18.1	64.6	65
7/5/2008 13:00	36	1.2	2.7	39	18.4	65.1	65
7/5/2008 14:00	42	1.3	2.9	91	19.8	67.6	61
7/5/2008 15:00	34	3.9	8.7	25	19.7	67.5	62
7/5/2008 16:00	31	2.7	6.0	45	21.2	70.2	54
7/5/2008 17:00	29	1.4	3.1	348	22.9	73.2	44
7/5/2008 18:00	38	2.2	4.9	2	22.8	73.0	43
7/5/2008 19:00	29	2.4	5.4	22	21.6	70.9	47
7/5/2008 20:00	24	2.4	5.4	29	20.3	68.5	47
7/5/2008 21:00	26	1.3	2.9	290	16.7	62.1	60
7/5/2008 22:00	21	1.4	3.1	259	13.9	57.0	71
7/5/2008 23:00	32	0.8	1.8	231	11.8	53.2	79
7/6/2008 0:00	38	0.9	2.0	249	9.6	49.3	85
7/6/2008 1:00	30	1.3	2.9	205	9.4	48.9	83
7/6/2008 2:00	22	0.9	2.0	186	9.0	48.2	83
7/6/2008 3:00	16	0.9	2.0	239	7.6	45.7	87
7/6/2008 4:00	16	0.9	2.0	183	7.1	44.8	87
7/6/2008 5:00	21	0.9	2.0	202	6.8	44.2	87
7/6/2008 6:00	16	1.0	2.2	197	7.8	46.0	80
7/6/2008 7:00	6	1.1	2.5	185	10.9	51.6	69
7/6/2008 8:00	8	1.3	2.9	167	14.9	58.8	59
7/6/2008 9:00	9	1.3	2.9	122	18.2	64.8	50
7/6/2008 10:00	14	1.3	2.9	66	20.4	68.7	43
7/6/2008 11:00	19	2.2	4.9	39	21.0	69.8	42
7/6/2008 12:00	19	2.0	4.5	9	21.4	70.5	42
7/6/2008 13:00	28	1.9	4.3	33	22.2	72.0	39
7/6/2008 14:00	41	2.1	4.7	348	23.9	75.0	35
7/6/2008 15:00	54	2.2	4.9	27	24.7	76.5	34
7/6/2008 16:00	59	2.0	4.5	6	24.7	76.5	33
7/6/2008 17:00	47	3.8	8.5	20	24.7	76.5	33
7/6/2008 18:00	30	3.8	8.5	21	24.3	75.7	32
7/6/2008 19:00	29	3.3	7.4	11	23.1	73.6	35
7/6/2008 20:00	20	2.8	6.3	31	21.8	71.2	39
7/6/2008 21:00	20	2.4	5.4	68	19.2	66.6	47
7/6/2008 22:00	21	2.4	5.4	69	17.8	64.0	49
7/6/2008 23:00	26	1.4	3.1	297	16.5	61.7	52
7/7/2008 0:00	15	1.3	2.9	317	15.1	59.2	53
7/7/2008 1:00	22	1.2	2.7	230	13.4	56.1	57
7/7/2008 2:00	23	1.0	2.2	218	9.6	49.3	70
7/7/2008 3:00	9	1.3	2.9	210	8.4	47.1	71
7/7/2008 4:00	6	1.5	3.4	261	9.1	48.4	65
7/7/2008 5:00	24	1.0	2.2	188	6.4	43.5	75
7/7/2008 6:00	19	0.7	1.6	231	5.5	41.9	79
7/7/2008 7:00	18	1.1	2.5	161	9.4	48.9	67
7/7/2008 8:00	10	1.0	2.2	178	13.9	57.0	53
7/7/2008 9:00	22	1.3	2.9	56	16.6	61.9	44
7/7/2008 10:00	21	1.6	3.6	31	18.6	65.5	42
7/7/2008 11:00	22	2.1	4.7	10	20.0	68.0	40
7/7/2008 12:00	25	2.6	5.8	7	21.0	69.8	39
7/7/2008 13:00	24	2.9	6.5	21	22.4	72.3	36
7/7/2008 14:00	32	2.6	5.8	37	23.8	74.8	31
7/7/2008 15:00	42	2.0	4.5	356	25.2	77.4	26
7/7/2008 16:00	95	2.9	6.5	353	26.3	79.3	23
7/7/2008 17:00	47	3.1	6.9	339	25.6	78.1	28
7/7/2008 18:00	40	3.8	8.5	3	25.2	77.4	27
7/7/2008 19:00	38	3.8	8.5	16	23.9	75.0	29
7/7/2008 20:00	35	2.4	5.4	7	21.9	71.4	34
7/7/2008 21:00	34	1.7	3.8	8	19.2	66.6	42
7/7/2008 22:00	40	1.1	2.5	241	15.3	59.5	55
7/7/2008 23:00	46	0.8	1.8	239	13.4	56.1	59
7/8/2008 0:00	40	1.1	2.5	247	14.4	57.9	46
7/8/2008 1:00	33	1.7	3.8	257	14.1	57.4	45
7/8/2008 2:00	41	1.1	2.5	287	12.3	54.1	52
7/8/2008 3:00	24	1.4	3.1	265	10.5	50.9	58
7/8/2008 4:00	36	1.1	2.5	206	8.5	47.3	66
7/8/2008 5:00	38	1.0	2.2	217	7.0	44.6	71
7/8/2008 6:00	25	0.9	2.0	137	6.3	43.3	73
7/8/2008 7:00	41	0.7	1.6	236	11.5	52.7	57

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
7/8/2008 8:00	40	1.3	2.9	188	16.3	61.3	46
7/8/2008 9:00	32	3.3	7.4	270	19.0	66.2	37
7/8/2008 10:00	27	3.3	7.4	275	20.5	68.9	32
7/8/2008 11:00	39	3.0	6.7	279	21.7	71.1	29
7/8/2008 12:00	32	3.1	6.9	284	22.8	73.0	26
7/8/2008 13:00	38	2.8	6.3	309	24.1	75.4	24
7/8/2008 14:00	41	2.6	5.8	338	25.0	77.0	26
7/8/2008 15:00	44	3.0	6.7	6	25.5	77.9	26
7/8/2008 16:00	47	3.4	7.6	356	25.8	78.4	27
7/8/2008 17:00	49	3.9	8.7	9	25.9	78.6	25
7/8/2008 18:00	32	3.4	7.6	38	25.4	77.7	24
7/8/2008 19:00	30	3.5	7.8	33	24.5	76.1	26
7/8/2008 20:00	20	2.7	6.0	49	22.7	72.9	30
7/8/2008 21:00	21	1.8	4.0	65	19.1	66.4	39
7/8/2008 22:00	27	1.2	2.7	263	14.8	58.6	52
7/8/2008 23:00	20	0.9	2.0	198	11.6	52.9	65
7/9/2008 0:00	16	0.9	2.0	184	10.8	51.4	66
7/9/2008 1:00	24	1.1	2.5	152	9.9	49.8	67
7/9/2008 2:00	22	1.1	2.5	245	8.8	47.8	71
7/9/2008 3:00	22	1.0	2.2	218	8.1	46.6	73
7/9/2008 4:00	18	0.9	2.0	220	7.1	44.8	76
7/9/2008 5:00	20	1.2	2.7	198	7.2	45.0	75
7/9/2008 6:00	26	1.4	3.1	179	8.2	46.8	69
7/9/2008 7:00	34	1.2	2.7	181	12.1	53.8	57
7/9/2008 8:00	43	1.6	3.6	168	16.4	61.5	49
7/9/2008 9:00	31	1.3	2.9	197	19.7	67.5	38
7/9/2008 10:00	29	1.3	2.9	199	22.2	72.0	31
7/9/2008 11:00	30	1.6	3.6	200	24.2	75.6	24
7/9/2008 12:00	50	1.9	4.3	207	25.8	78.4	22
7/9/2008 13:00	64	2.1	4.7	252	27.3	81.1	21
7/9/2008 14:00	46	1.7	3.8	140	28.5	83.3	19
7/9/2008 15:00	46	2.4	5.4	64	28.9	84.0	19
7/9/2008 16:00	45	2.5	5.6	48	29.3	84.7	18
7/9/2008 17:00	36	2.9	6.5	15	29.2	84.6	18
7/9/2008 18:00	48	2.7	6.0	347	28.5	83.3	22
7/9/2008 19:00	36	2.9	6.5	308	27.5	81.5	16
7/9/2008 20:00	28	1.9	4.3	307	25.8	78.4	17
7/9/2008 21:00	24	1.1	2.5	302	22.1	71.8	23
7/9/2008 22:00	43	1.0	2.2	254	17.1	62.8	38
7/9/2008 23:00	34	0.9	2.0	208	12.6	54.7	54
7/10/2008 0:00	30	1.1	2.5	186	10.3	50.5	60
7/10/2008 1:00	24	0.8	1.8	207	9.1	48.4	63
7/10/2008 2:00	16	1.1	2.5	200	9.5	49.1	59
7/10/2008 3:00	19	1.3	2.9	171	11.4	52.5	51
7/10/2008 4:00	17	1.2	2.7	171	10.0	50.0	56
7/10/2008 5:00	29	1.2	2.7	176	10.5	50.9	54
7/10/2008 6:00	31	1.1	2.5	184	11.7	53.1	51
7/10/2008 7:00	147	1.2	2.7	181	14.2	57.6	48
7/10/2008 8:00	42	1.4	3.1	187	18.5	65.3	42
7/10/2008 9:00	76	2.3	5.1	228	22.3	72.1	31
7/10/2008 10:00	99	3.2	7.2	236	24.3	75.7	26
7/10/2008 11:00	91	2.8	6.3	220	25.7	78.3	24
7/10/2008 12:00	90	3.0	6.7	231	26.8	80.2	22
7/10/2008 13:00	103	3.0	6.7	230	27.4	81.3	21
7/10/2008 14:00	231	3.5	7.8	266	28.8	83.8	18
7/10/2008 15:00	53	4.0	8.9	288	28.7	83.7	18
7/10/2008 16:00	81	4.4	9.8	287	28.5	83.3	18
7/10/2008 17:00	70	4.8	10.7	289	28.4	83.1	17
7/10/2008 18:00	84	4.8	10.7	287	27.3	81.1	18
7/10/2008 19:00	55	4.4	9.8	289	25.8	78.4	21
7/10/2008 20:00	52	4.4	9.8	291	23.9	75.0	23
7/10/2008 21:00	56	4.6	10.3	293	21.6	70.9	25
7/10/2008 22:00	62	4.3	9.6	294	20.0	68.0	26
7/10/2008 23:00	87	2.9	6.5	284	18.1	64.6	27
7/11/2008 0:00	107	2.8	6.3	288	16.6	61.9	29
7/11/2008 1:00	125	3.1	6.9	282	15.8	60.4	31
7/11/2008 2:00	191	2.8	6.3	291	14.9	58.8	33
7/11/2008 3:00	167	2.3	5.1	308	13.4	56.1	32
7/11/2008 4:00	127	2.6	5.8	289	12.2	54.0	27
7/11/2008 5:00	104	2.5	5.6	291	10.6	51.1	25
7/11/2008 6:00	78	2.3	5.1	272	9.9	49.8	26
7/11/2008 7:00	67	2.8	6.3	272	10.8	51.4	25
7/11/2008 8:00	39	3.3	7.4	321	12.0	53.6	21
7/11/2008 9:00	24	3.8	8.5	46	12.9	55.2	22
7/11/2008 10:00	24	3.6	8.1	25	13.5	56.3	21
7/11/2008 11:00	18	3.2	7.2	39	14.5	58.1	22
7/11/2008 12:00	27	2.9	6.5	42	15.7	60.3	21
7/11/2008 13:00	17	2.5	5.6	50	17.1	62.8	19
7/11/2008 14:00	2	2.6	5.8	26	18.5	65.3	18
7/11/2008 15:00	25	2.5	5.6	4	19.2	66.6	18
7/11/2008 16:00	14	2.9	6.5	25	20.3	68.5	16
7/11/2008 17:00	23	3.8	8.5	14	20.7	69.3	15
7/11/2008 18:00	28	3.9	8.7	20	20.5	68.9	14
7/11/2008 19:00	20	4.4	9.8	16	19.2	66.6	16
7/11/2008 20:00	18	3.8	8.5	38	17.8	64.0	19
7/11/2008 21:00	14	2.5	5.6	32	15.3	59.5	26
7/11/2008 22:00	26	1.4	3.1	261	12.1	53.8	37
7/11/2008 23:00	28	0.9	2.0	213	6.1	43.0	59
7/12/2008 0:00	13	0.9	2.0	266	3.5	38.3	68
7/12/2008 1:00	16	1.0	2.2	226	2.8	37.0	69

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
7/12/2008 2:00	19	0.8	1.8	230	2.2	36.0	70
7/12/2008 3:00	11	1.2	2.7	196	3.2	37.8	63
7/12/2008 4:00	9	1.2	2.7	215	2.2	36.0	66
7/12/2008 5:00	25	1.1	2.5	221	1.8	35.2	66
7/12/2008 6:00	27	1.1	2.5	184	3.2	37.8	59
7/12/2008 7:00	46	1.1	2.5	215	6.9	44.4	47
7/12/2008 8:00	20	1.1	2.5	179	11.8	53.2	38
7/12/2008 9:00	16	1.1	2.5	100	15.4	59.7	29
7/12/2008 10:00	12	1.8	4.0	38	16.8	62.2	29
7/12/2008 11:00	16	1.8	4.0	17	18.4	65.1	26
7/12/2008 12:00	19	2.1	4.7	49	19.9	67.8	24
7/12/2008 13:00	16	2.0	4.5	60	21.8	71.2	19
7/12/2008 14:00	13	1.9	4.3	355	23.5	74.3	18
7/12/2008 15:00	14	2.3	5.1	353	24.7	76.5	17
7/12/2008 16:00	18	2.5	5.6	20	25.2	77.4	17
7/12/2008 17:00	20	2.7	6.0	10	25.3	77.5	17
7/12/2008 18:00	16	2.7	6.0	15	24.9	76.8	18
7/12/2008 19:00	20	2.6	5.8	11	24.0	75.2	20
7/12/2008 20:00	17	1.4	3.1	340	21.8	71.2	27
7/12/2008 21:00	29	1.4	3.1	254	16.6	61.9	42
7/12/2008 22:00	34	0.8	1.8	188	11.7	53.1	57
7/12/2008 23:00	19	1.1	2.5	249	9.8	49.6	61
7/13/2008 0:00	22	0.8	1.8	211	7.9	46.2	66
7/13/2008 1:00	9	1.3	2.9	223	7.2	45.0	66
7/13/2008 2:00	5	1.2	2.7	219	7.0	44.6	63
7/13/2008 3:00	3	1.0	2.2	217	6.1	43.0	64
7/13/2008 4:00	5	1.3	2.9	200	6.8	44.2	59
7/13/2008 5:00	29	1.1	2.5	184	5.7	42.3	60
7/13/2008 6:00	25	1.4	3.1	183	6.3	43.3	57
7/13/2008 7:00	88	1.0	2.2	177	10.3	50.5	47
7/13/2008 8:00	20	1.5	3.4	159	15.1	59.2	37
7/13/2008 9:00	21	1.9	4.3	168	19.2	66.6	26
7/13/2008 10:00	19	2.0	4.5	183	22.4	72.3	18
7/13/2008 11:00	21	2.1	4.7	30	23.6	74.5	19
7/13/2008 12:00	29	2.1	4.7	91	24.4	75.9	18
7/13/2008 13:00	20	2.6	5.8	68	25.4	77.7	17
7/13/2008 14:00	26	2.6	5.8	65	26.3	79.3	17
7/13/2008 15:00	22	2.9	6.5	34	27.2	81.0	16
7/13/2008 16:00	20	2.8	6.3	27	27.7	81.9	16
7/13/2008 17:00	29	2.8	6.3	349	27.8	82.0	16
7/13/2008 18:00	48	2.8	6.3	317	27.5	81.5	15
7/13/2008 19:00	33	3.8	8.5	289	26.3	79.3	16
7/13/2008 20:00	24	3.4	7.6	291	24.5	76.1	20
7/13/2008 21:00	30	1.6	3.6	280	20.7	69.3	28
7/13/2008 22:00	24	1.6	3.6	273	18.2	64.8	32
7/13/2008 23:00	21	1.6	3.6	268	17.1	62.8	34
7/14/2008 0:00	18	1.2	2.7	252	12.9	55.2	46
7/14/2008 1:00	9	1.7	3.8	230	12.6	54.7	45
7/14/2008 2:00	12	1.3	2.9	235	13.7	56.7	41
7/14/2008 3:00	11	1.3	2.9	211	11.1	52.0	48
7/14/2008 4:00	7	1.5	3.4	162	10.1	50.2	51
7/14/2008 5:00	16	1.4	3.1	152	8.7	47.7	55
7/14/2008 6:00	43	1.1	2.5	186	8.9	48.0	55
7/14/2008 7:00	33	1.2	2.7	196	12.2	54.0	46
7/14/2008 8:00	43	1.4	3.1	172	16.5	61.7	39
7/14/2008 9:00	35	1.5	3.4	195	20.4	68.7	32
7/14/2008 10:00	44	2.2	4.9	226	22.8	73.0	27
7/14/2008 11:00	50	2.1	4.7	221	24.6	76.3	24
7/14/2008 12:00	42	3.3	7.4	273	25.1	77.2	21
7/14/2008 13:00	51	4.2	9.4	293	26.4	79.5	17
7/14/2008 14:00	57	4.0	8.9	295	27.2	81.0	14
7/14/2008 15:00	44	4.3	9.6	290	27.6	81.7	11
7/14/2008 16:00	37	4.2	9.4	287	27.7	81.9	10
7/14/2008 17:00	25	3.8	8.5	297	27.5	81.5	9
7/14/2008 18:00	17	3.7	8.3	293	27.1	80.8	9
7/14/2008 19:00	21	3.5	7.8	297	26.2	79.2	9
7/14/2008 20:00	17	2.4	5.4	296	24.4	75.9	13
7/14/2008 21:00	16	1.0	2.2	295	20.5	68.9	21
7/14/2008 22:00	26	1.2	2.7	233	15.9	60.6	34
7/14/2008 23:00	24	1.0	2.2	232	13.7	56.7	42
7/15/2008 0:00	14	1.2	2.7	219	11.5	52.7	48
7/15/2008 1:00	15	0.8	1.8	209	9.0	48.2	58
7/15/2008 2:00	13	1.0	2.2	222	9.6	49.3	56
7/15/2008 3:00	12	1.2	2.7	216	8.2	46.8	57
7/15/2008 4:00	9	1.3	2.9	220	8.8	47.8	53
7/15/2008 5:00	15	1.2	2.7	213	9.6	49.3	51
7/15/2008 6:00	33	1.0	2.2	212	9.3	48.7	54
7/15/2008 7:00	18	1.0	2.2	186	10.8	51.4	55
7/15/2008 8:00	47	1.1	2.5	229	12.6	54.7	53
7/15/2008 9:00	31	1.2	2.7	92	15.4	59.7	46
7/15/2008 10:00	39	1.8	4.0	66	20.7	69.3	30
7/15/2008 11:00	57	2.8	6.3	30	22.7	72.9	30
7/15/2008 12:00	98	5.2	11.6	23	22.4	72.3	28
7/15/2008 13:00	41	4.6	10.3	18	23.3	73.9	27
7/15/2008 14:00	35	4.3	9.6	8	24.2	75.6	26
7/15/2008 15:00	22	3.7	8.3	17	24.8	76.6	26
7/15/2008 16:00	24	3.9	8.7	15	25.2	77.4	28
7/15/2008 17:00	29	4.1	9.2	18	25.1	77.2	28
7/15/2008 18:00	26	4.3	9.6	21	24.6	76.3	30
7/15/2008 19:00	34	4.2	9.4	28	23.4	74.1	33
7/15/2008 20:00	85	5.3	11.9	27	20.8	69.4	38

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
7/15/2008 21:00	28	4.3	9.6	35	19.7	67.5	39
7/15/2008 22:00	26	2.3	5.1	4	18.6	65.5	40
7/15/2008 23:00	31	1.4	3.1	260	16.0	60.8	49
7/16/2008 0:00	33	0.6	1.3	143	12.4	54.3	64
7/16/2008 1:00	19	1.0	2.2	219	10.9	51.6	66
7/16/2008 2:00	37	0.8	1.8	193	10.6	51.1	65
7/16/2008 3:00	10	1.0	2.2	220	9.0	48.2	70
7/16/2008 4:00	17	1.1	2.5	238	7.8	46.0	74
7/16/2008 5:00	21	0.7	1.6	177	8.2	46.8	73
7/16/2008 6:00	39	1.0	2.2	200	9.8	49.6	66
7/16/2008 7:00	43	1.2	2.7	223	11.5	52.7	62
7/16/2008 8:00	58	1.1	2.5	189	13.9	57.0	56
7/16/2008 9:00	38	1.0	2.2	110	16.8	62.2	49
7/16/2008 10:00	47	1.3	2.9	166	20.2	68.4	41
7/16/2008 11:00	72	1.8	4.0	205	22.6	72.7	34
7/16/2008 12:00	56	2.2	4.9	217	24.0	75.2	31
7/16/2008 13:00	65	1.7	3.8	155	24.7	76.5	31
7/16/2008 14:00	62	1.4	3.1	254	23.8	74.8	31
7/16/2008 15:00	68	2.6	5.8	235	23.0	73.4	32
7/16/2008 16:00	69	2.4	5.4	227	24.0	75.2	29
7/16/2008 17:00	49	1.5	3.4	232	24.7	76.5	27
7/16/2008 18:00	106	4.2	9.4	272	22.6	72.7	29
7/16/2008 19:00	55	1.1	2.5	200	22.4	72.3	36
7/16/2008 20:00	92	0.7	1.6	172	19.6	67.3	49
7/16/2008 21:00	53	0.9	2.0	239	15.8	60.4	58
7/16/2008 22:00	44	1.4	3.1	245	14.2	57.6	59
7/16/2008 23:00	43	0.9	2.0	204	11.6	52.9	68
7/17/2008 0:00	39	1.1	2.5	246	10.5	50.9	70
7/17/2008 1:00	39	0.8	1.8	200	9.5	49.1	74
7/17/2008 2:00	26	0.7	1.6	231	8.4	47.1	78
7/17/2008 3:00	25	0.9	2.0	218	8.9	48.0	73
7/17/2008 4:00	23	0.8	1.8	208	8.7	47.7	72
7/17/2008 5:00	25	1.1	2.5	187	8.1	46.6	73
7/17/2008 6:00	33	1.2	2.7	195	8.0	46.4	71
7/17/2008 7:00	33	0.8	1.8	211	9.8	49.6	68
7/17/2008 8:00	12	1.2	2.7	137	13.0	55.4	60
7/17/2008 9:00	37	1.2	2.7	219	17.5	63.5	42
7/17/2008 10:00	30	1.1	2.5	216	20.8	69.4	34
7/17/2008 11:00	42	1.5	3.4	7	22.4	72.3	31
7/17/2008 12:00	28	1.6	3.6	146	23.9	75.0	29
7/17/2008 13:00	33	1.6	3.6	80	24.8	76.6	27
7/17/2008 14:00	36	1.9	4.3	308	25.6	78.1	23
7/17/2008 15:00	26	2.0	4.5	285	25.0	77.0	25
7/17/2008 16:00	28	1.9	4.3	277	25.6	78.1	22
7/17/2008 17:00	34	2.9	6.5	10	25.3	77.5	25
7/17/2008 18:00	27	2.9	6.5	3	24.3	75.7	28
7/17/2008 19:00	26	3.2	7.2	5	24.2	75.6	28
7/17/2008 20:00	23	1.8	4.0	346	22.0	71.6	34
7/17/2008 21:00	15	1.2	2.7	4	18.6	65.5	37
7/17/2008 22:00	26	1.0	2.2	284	16.4	61.5	44
7/17/2008 23:00	25	1.4	3.1	252	14.3	57.7	50
7/18/2008 0:00	25	0.9	2.0	198	11.7	53.1	64
7/18/2008 1:00	17	1.0	2.2	221	10.3	50.5	63
7/18/2008 2:00	14	1.1	2.5	244	9.7	49.5	64
7/18/2008 3:00	21	1.0	2.2	196	8.2	46.8	68
7/18/2008 4:00	10	0.9	2.0	216	7.6	45.7	71
7/18/2008 5:00	24	1.1	2.5	212	7.7	45.9	70
7/18/2008 6:00	39	1.1	2.5	216	8.2	46.8	68
7/18/2008 7:00	28	1.6	3.6	208	9.5	49.1	70
7/18/2008 8:00	35	2.4	5.4	210	12.5	54.5	62
7/18/2008 9:00	13	1.5	3.4	229	16.7	62.1	52
7/18/2008 10:00	18	2.6	5.8	128	20.1	68.2	43
7/18/2008 11:00	9	1.7	3.8	122	22.8	73.0	32
7/18/2008 12:00	24	1.8	4.0	343	24.7	76.5	27
7/18/2008 13:00	32	2.7	6.0	348	23.6	74.5	33
7/18/2008 14:00	34	1.9	4.3	330	21.3	70.3	47
7/18/2008 15:00	AV	AV	AV	AV	AV	AV	AV
7/18/2008 16:00	AV	AV	AV	AV	AV	AV	AV
7/18/2008 17:00	AV	AV	AV	AV	AV	AV	AV
7/18/2008 18:00	AV	AV	AV	AV	AV	AV	AV
7/18/2008 19:00	AV	AV	AV	AV	AV	AV	AV
7/18/2008 20:00	22	2.1	4.7	295	21.7	71.1	25
7/18/2008 21:00	20	0.6	1.3	206	16.2	61.2	45
7/18/2008 22:00	22	1.0	2.2	256	12.7	54.9	52
7/18/2008 23:00	8	0.8	1.8	292	12.2	54.0	50
7/19/2008 0:00	12	1.0	2.2	235	9.9	49.8	57
7/19/2008 1:00	15	1.1	2.5	272	9.3	48.7	56
7/19/2008 2:00	25	1.0	2.2	207	6.2	43.2	70
7/19/2008 3:00	7	0.9	2.0	220	4.4	39.9	75
7/19/2008 4:00	7	1.0	2.2	232	4.3	39.7	75
7/19/2008 5:00	8	1.3	2.9	195	4.7	40.5	71
7/19/2008 6:00	3	1.0	2.2	198	4.5	40.1	71
7/19/2008 7:00	7	1.4	3.1	172	8.5	47.3	56
7/19/2008 8:00	18	1.5	3.4	175	12.8	55.0	48
7/19/2008 9:00	16	1.5	3.4	174	16.9	62.4	39
7/19/2008 10:00	16	1.4	3.1	124	19.5	67.1	32
7/19/2008 11:00	13	1.3	2.9	198	21.2	70.2	24
7/19/2008 12:00	17	1.6	3.6	225	22.9	73.2	21
7/19/2008 13:00	27	2.8	6.3	34	23.6	74.5	24
7/19/2008 14:00	22	1.8	4.0	60	25.0	77.0	20

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
7/19/2008 15:00	22	2.5	5.6	26	26.0	78.8	18
7/19/2008 16:00	22	3.0	6.7	36	26.4	79.5	18
7/19/2008 17:00	15	3.2	7.2	33	26.3	79.3	17
7/19/2008 18:00	25	3.3	7.4	22	25.9	78.6	17
7/19/2008 19:00	16	3.2	7.2	12	24.7	76.5	18
7/19/2008 20:00	19	1.8	4.0	347	21.8	71.2	24
7/19/2008 21:00	15	1.0	2.2	268	17.1	62.8	36
7/19/2008 22:00	26	1.0	2.2	259	13.5	56.3	46
7/19/2008 23:00	12	0.8	1.8	199	9.4	48.9	62
7/20/2008 0:00	22	1.2	2.7	241	9.0	48.2	57
7/20/2008 1:00	17	0.7	1.6	202	7.0	44.6	66
7/20/2008 2:00	10	1.1	2.5	228	5.8	42.4	68
7/20/2008 3:00	13	0.9	2.0	225	5.8	42.4	65
7/20/2008 4:00	12	0.9	2.0	236	4.8	40.6	68
7/20/2008 5:00	12	1.1	2.5	238	4.2	39.6	71
7/20/2008 6:00	3	0.7	1.6	199	4.9	40.8	73
7/20/2008 7:00	15	1.2	2.7	197	8.1	46.6	62
7/20/2008 8:00	6	1.3	2.9	229	10.9	51.6	54
7/20/2008 9:00	37	2.1	4.7	175	13.9	57.0	42
7/20/2008 10:00	59	2.3	5.1	181	16.1	61.0	37
7/20/2008 11:00	46	1.8	4.0	199	19.5	67.1	31
7/20/2008 12:00	28	1.7	3.8	46	21.5	70.7	35
7/20/2008 13:00	34	1.5	3.4	257	25.7	78.3	26
7/20/2008 14:00	31	1.6	3.6	134	29.5	85.1	17
7/20/2008 15:00	37	2.3	5.1	222	31.2	88.2	16
7/20/2008 16:00	39	2.3	5.1	31	30.8	87.4	18
7/20/2008 17:00	26	3.8	8.5	18	29.2	84.6	20
7/20/2008 18:00	36	3.5	7.8	16	29.7	85.5	19
7/20/2008 19:00	23	3.0	6.7	14	28.7	83.7	20
7/20/2008 20:00	29	1.3	2.9	319	25.2	77.4	29
7/20/2008 21:00	36	1.0	2.2	235	19.4	66.9	46
7/20/2008 22:00	28	0.9	2.0	242	15.6	60.1	54
7/20/2008 23:00	23	0.9	2.0	225	12.6	54.7	60
7/21/2008 0:00	18	0.7	1.6	236	10.8	51.4	66
7/21/2008 1:00	15	0.7	1.6	223	9.4	48.9	69
7/21/2008 2:00	10	0.8	1.8	198	8.9	48.0	70
7/21/2008 3:00	10	0.9	2.0	230	8.5	47.3	69
7/21/2008 4:00	21	1.0	2.2	239	7.9	46.2	70
7/21/2008 5:00	7	1.1	2.5	192	8.5	47.3	65
7/21/2008 6:00	44	1.0	2.2	214	10.8	51.4	56
7/21/2008 7:00	34	1.1	2.5	211	14.1	57.4	47
7/21/2008 8:00	28	1.4	3.1	211	18.1	64.6	40
7/21/2008 9:00	38	1.5	3.4	170	22.2	72.0	32
7/21/2008 10:00	59	2.0	4.5	40	23.8	74.8	33
7/21/2008 11:00	43	2.1	4.7	17	26.7	80.1	26
7/21/2008 12:00	40	2.8	6.3	23	28.8	83.8	21
7/21/2008 13:00	34	2.9	6.5	15	30.8	87.4	16
7/21/2008 14:00	33	2.2	4.9	27	31.6	88.9	15
7/21/2008 15:00	30	2.7	6.0	14	32.5	90.5	15
7/21/2008 16:00	36	2.8	6.3	8	33.1	91.6	15
7/21/2008 17:00	33	3.5	7.8	25	31.5	88.7	16
7/21/2008 18:00	32	3.2	7.2	22	29.7	85.5	20
7/21/2008 19:00	33	1.5	3.4	4	26.9	80.4	27
7/21/2008 20:00	46	1.6	3.6	12	26.6	79.9	26
7/21/2008 21:00	41	1.1	2.5	217	24.4	75.9	33
7/21/2008 22:00	49	1.6	3.6	166	24.4	75.9	37
7/21/2008 23:00	52	2.0	4.5	155	22.6	72.7	46
7/22/2008 0:00	25	1.1	2.5	216	19.3	66.7	61
7/22/2008 1:00	30	1.1	2.5	214	18.9	66.0	60
7/22/2008 2:00	21	1.2	2.7	234	17.5	63.5	63
7/22/2008 3:00	27	1.1	2.5	243	15.1	59.2	70
7/22/2008 4:00	20	0.9	2.0	243	13.2	55.8	76
7/22/2008 5:00	29	0.9	2.0	223	12.4	54.3	76
7/22/2008 6:00	28	1.1	2.5	224	12.4	54.3	75
7/22/2008 7:00	36	1.1	2.5	239	16.4	61.5	61
7/22/2008 8:00	48	1.5	3.4	202	18.3	64.9	59
7/22/2008 9:00	67	4.3	9.6	243	16.4	61.5	69
7/22/2008 10:00	17	1.4	3.1	254	17.2	63.0	70
7/22/2008 11:00	8	1.6	3.6	237	17.8	64.0	71
7/22/2008 12:00	20	2.6	5.8	276	18.4	65.1	70
7/22/2008 13:00	17	2.1	4.7	7	20.4	68.7	60
7/22/2008 14:00	25	3.2	7.2	8	21.6	70.9	53
7/22/2008 15:00	28	3.1	6.9	21	21.4	70.5	53
7/22/2008 16:00	39	2.4	5.4	306	18.0	64.4	68
7/22/2008 17:00	-5	1.9	4.3	158	13.5	56.3	91
7/22/2008 18:00	12	1.7	3.8	189	15.4	59.7	84
7/22/2008 19:00	2	1.8	4.0	173	16.8	62.2	74
7/22/2008 20:00	7	1.3	2.9	166	17.6	63.7	68
7/22/2008 21:00	13	1.2	2.7	210	15.7	60.3	75
7/22/2008 22:00	12	1.0	2.2	199	14.0	57.2	82
7/22/2008 23:00	3	1.3	2.9	232	13.0	55.4	83
7/23/2008 0:00	3	2.2	4.9	233	14.9	58.8	70
7/23/2008 1:00	15	1.9	4.3	230	14.7	58.5	69
7/23/2008 2:00	10	1.4	3.1	232	13.3	55.9	75
7/23/2008 3:00	-5	1.3	2.9	272	10.6	51.1	86
7/23/2008 4:00	67	0.9	2.0	207	8.7	47.7	93
7/23/2008 5:00	23	1.3	2.9	180	7.9	46.2	92
7/23/2008 6:00	27	0.7	1.6	255	7.1	44.8	89
7/23/2008 7:00	13	0.9	2.0	167	9.8	49.6	79
7/23/2008 8:00	72	1.4	3.1	181	13.7	56.7	66

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
7/23/2008 9:00	20	2.2	4.9	157	16.6	61.9	58
7/23/2008 10:00	21	1.6	3.6	183	19.6	67.3	46
7/23/2008 11:00	28	1.8	4.0	170	21.8	71.2	41
7/23/2008 12:00	25	1.5	3.4	136	23.8	74.8	36
7/23/2008 13:00	27	2.1	4.7	215	25.2	77.4	30
7/23/2008 14:00	27	2.6	5.8	220	26.1	79.0	26
7/23/2008 15:00	25	3.2	7.2	234	27.1	80.8	21
7/23/2008 16:00	35	4.5	10.1	248	27.4	81.3	20
7/23/2008 17:00	17	3.1	6.9	285	26.7	80.1	24
7/23/2008 18:00	35	1.9	4.3	293	26.5	79.7	28
7/23/2008 19:00	25	2.5	5.6	298	24.7	76.5	31
7/23/2008 20:00	24	1.1	2.5	292	21.8	71.2	42
7/23/2008 21:00	44	2.8	6.3	356	19.8	67.6	49
7/23/2008 22:00	29	3.4	7.6	31	18.2	64.8	54
7/23/2008 23:00	28	2.2	4.9	7	17.2	63.0	58
7/24/2008 0:00	29	1.6	3.6	319	15.3	59.5	66
7/24/2008 1:00	26	1.5	3.4	266	13.7	56.7	73
7/24/2008 2:00	36	1.0	2.2	269	12.3	54.1	78
7/24/2008 3:00	31	0.7	1.6	246	10.6	51.1	84
7/24/2008 4:00	30	0.6	1.3	93	9.4	48.9	89
7/24/2008 5:00	21	0.8	1.8	235	9.0	48.2	87
7/24/2008 6:00	37	0.6	1.3	263	8.0	46.4	86
7/24/2008 7:00	17	0.4	0.9	133	11.0	51.8	74
7/24/2008 8:00	12	1.6	3.6	340	14.7	58.5	58
7/24/2008 9:00	13	2.2	4.9	11	16.1	61.0	47
7/24/2008 10:00	12	2.9	6.5	12	17.5	63.5	42
7/24/2008 11:00	15	2.9	6.5	13	18.7	65.7	42
7/24/2008 12:00	16	3.5	7.8	18	20.5	68.9	40
7/24/2008 13:00	21	3.5	7.8	15	21.9	71.4	36
7/24/2008 14:00	20	3.6	8.1	9	23.2	73.8	30
7/24/2008 15:00	23	3.4	7.6	13	24.2	75.6	27
7/24/2008 16:00	20	3.6	8.1	17	24.7	76.5	25
7/24/2008 17:00	16	3.9	8.7	20	24.7	76.5	22
7/24/2008 18:00	20	3.8	8.5	17	24.3	75.7	21
7/24/2008 19:00	16	3.2	7.2	9	23.4	74.1	22
7/24/2008 20:00	17	1.8	4.0	6	20.9	69.6	28
7/24/2008 21:00	17	1.2	2.7	337	16.9	62.4	38
7/24/2008 22:00	17	1.2	2.7	266	13.1	55.6	51
7/24/2008 23:00	15	1.2	2.7	246	10.0	50.0	63
7/25/2008 0:00	14	0.8	1.8	237	8.0	46.4	72
7/25/2008 1:00	12	0.8	1.8	232	7.2	45.0	77
7/25/2008 2:00	12	0.7	1.6	237	6.1	43.0	81
7/25/2008 3:00	-5	0.7	1.6	257	5.0	41.0	87
7/25/2008 4:00	26	0.9	2.0	221	6.1	43.0	85
7/25/2008 5:00	5	0.9	2.0	222	6.9	44.4	82
7/25/2008 6:00	45	0.9	2.0	206	6.7	44.1	82
7/25/2008 7:00	14	1.1	2.5	169	9.5	49.1	71
7/25/2008 8:00	22	1.0	2.2	192	13.8	56.8	59
7/25/2008 9:00	27	1.4	3.1	247	17.1	62.8	51
7/25/2008 10:00	38	1.8	4.0	158	21.3	70.3	42
7/25/2008 11:00	23	2.6	5.8	131	23.7	74.7	37
7/25/2008 12:00	21	2.1	4.7	123	26.0	78.8	31
7/25/2008 13:00	22	1.6	3.6	77	27.8	82.0	26
7/25/2008 14:00	BA	BA	BA	294	84.9	22	
7/25/2008 15:00	28	2.4	5.4	24	30.7	87.3	18
7/25/2008 16:00	31	3.8	8.5	14	30.8	87.4	20
7/25/2008 17:00	30	3.7	8.3	19	30.4	86.7	20
7/25/2008 18:00	30	4.0	8.9	10	29.6	85.3	21
7/25/2008 19:00	22	3.2	7.2	12	28.4	83.1	24
7/25/2008 20:00	21	2.0	4.5	8	25.4	77.7	31
7/25/2008 21:00	21	0.9	2.0	277	20.5	68.9	46
7/25/2008 22:00	27	0.8	1.8	252	16.3	61.3	61
7/25/2008 23:00	23	0.9	2.0	214	13.4	56.1	70
7/26/2008 0:00	26	0.9	2.0	249	12.0	53.6	70
7/26/2008 1:00	20	0.9	2.0	245	11.1	52.0	74
7/26/2008 2:00	18	1.2	2.7	234	11.7	53.1	71
7/26/2008 3:00	21	1.1	2.5	223	10.9	51.6	74
7/26/2008 4:00	28	1.0	2.2	238	9.7	49.5	78
7/26/2008 5:00	26	1.2	2.7	233	9.6	49.3	78
7/26/2008 6:00	16	1.4	3.1	205	11.5	52.7	70
7/26/2008 7:00	27	1.3	2.9	218	14.2	57.6	60
7/26/2008 8:00	27	1.3	2.9	212	17.8	64.0	51
7/26/2008 9:00	19	1.4	3.1	192	21.8	71.2	40
7/26/2008 10:00	35	2.1	4.7	65	24.2	75.6	39
7/26/2008 11:00	34	2.2	4.9	41	25.8	78.4	37
7/26/2008 12:00	32	2.0	4.5	112	29.1	84.4	23
7/26/2008 13:00	57	3.3	7.4	231	30.8	87.4	12
7/26/2008 14:00	40	3.5	7.8	230	31.2	88.2	11
7/26/2008 15:00	29	3.8	8.5	233	31.8	89.2	9
7/26/2008 16:00	27	3.6	8.1	235	32.2	90.0	8
7/26/2008 17:00	34	2.7	6.0	239	32.5	90.5	10
7/26/2008 18:00	51	4.7	10.5	23	30.3	86.5	17
7/26/2008 19:00	32	3.9	8.7	23	28.6	83.5	22
7/26/2008 20:00	35	3.1	6.9	30	25.9	78.6	27
7/26/2008 21:00	39	2.3	5.1	3	22.0	71.6	35
7/26/2008 22:00	38	1.7	3.8	338	20.3	68.5	38
7/26/2008 23:00	33	1.1	2.5	277	18.4	65.1	43
7/27/2008 0:00	40	1.1	2.5	247	14.5	58.1	58
7/27/2008 1:00	44	1.0	2.2	174	11.9	53.4	68
7/27/2008 2:00	27	0.8	1.8	225	9.7	49.5	75

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
7/27/2008 3:00	18	0.8	1.8	239	9.5	49.1	74
7/27/2008 4:00	27	0.8	1.8	238	8.7	47.7	77
7/27/2008 5:00	26	1.0	2.2	220	9.2	48.6	74
7/27/2008 6:00	35	0.9	2.0	223	8.7	47.7	75
7/27/2008 7:00	24	0.7	1.6	188	11.1	52.0	67
7/27/2008 8:00	29	1.0	2.2	181	16.2	61.2	52
7/27/2008 9:00	36	0.9	2.0	183	20.0	68.0	40
7/27/2008 10:00	38	1.3	2.9	44	22.3	72.1	36
7/27/2008 11:00	20	1.7	3.8	49	24.5	76.1	33
7/27/2008 12:00	37	3.3	7.4	240	26.8	80.2	25
7/27/2008 13:00	58	3.0	6.7	224	28.0	82.4	22
7/27/2008 14:00	52	2.8	6.3	214	29.0	84.2	19
7/27/2008 15:00	36	3.1	6.9	233	28.9	84.0	19
7/27/2008 16:00	34	3.0	6.7	249	29.6	85.3	18
7/27/2008 17:00	29	2.5	5.6	286	29.8	85.6	18
7/27/2008 18:00	39	2.9	6.5	347	28.3	82.9	21
7/27/2008 19:00	39	3.8	8.5	26	26.0	78.8	24
7/27/2008 20:00	48	2.2	4.9	355	23.6	74.5	30
7/27/2008 21:00	43	1.6	3.6	332	20.7	69.3	36
7/27/2008 22:00	39	1.6	3.6	344	18.8	65.8	41
7/27/2008 23:00	32	1.9	4.3	1	18.2	64.8	42
7/28/2008 0:00	31	1.4	3.1	351	16.6	61.9	46
7/28/2008 1:00	25	1.0	2.2	309	14.9	58.8	51
7/28/2008 2:00	34	0.9	2.0	163	10.6	51.1	68
7/28/2008 3:00	34	0.7	1.6	222	7.9	46.2	78
7/28/2008 4:00	27	0.9	2.0	234	7.8	46.0	78
7/28/2008 5:00	24	0.9	2.0	229	6.9	44.4	81
7/28/2008 6:00	56	0.8	1.8	241	7.3	45.1	80
7/28/2008 7:00	34	0.8	1.8	207	10.6	51.1	67
7/28/2008 8:00	31	0.9	2.0	199	14.9	58.8	54
7/28/2008 9:00	26	1.0	2.2	189	17.9	64.2	46
7/28/2008 10:00	21	1.2	2.7	176	20.5	68.9	41
7/28/2008 11:00	38	1.7	3.8	62	23.8	74.8	35
7/28/2008 12:00	80	2.6	5.8	17	25.2	77.4	33
7/28/2008 13:00	46	2.6	5.8	18	26.5	79.7	28
7/28/2008 14:00	53	3.1	6.9	36	27.2	81.0	26
7/28/2008 15:00	55	4.0	8.9	46	27.5	81.5	24
7/28/2008 16:00	68	4.1	9.2	40	27.8	82.0	20
7/28/2008 17:00	43	4.4	9.8	30	27.5	81.5	19
7/28/2008 18:00	66	4.9	11.0	21	25.3	77.5	22
7/28/2008 19:00	35	4.2	9.4	21	24.4	75.9	23
7/28/2008 20:00	20	2.3	5.1	20	22.8	73.0	26
7/28/2008 21:00	24	1.5	3.4	267	18.4	65.1	37
7/28/2008 22:00	29	1.3	2.9	246	15.1	59.2	47
7/28/2008 23:00	22	0.9	2.0	231	11.8	53.2	59
7/29/2008 0:00	15	0.9	2.0	212	10.1	50.2	63
7/29/2008 1:00	8	0.9	2.0	229	8.6	47.5	68
7/29/2008 2:00	7	1.2	2.7	236	8.0	46.4	68
7/29/2008 3:00	11	0.9	2.0	211	6.9	44.4	71
7/29/2008 4:00	10	1.1	2.5	219	7.1	44.8	68
7/29/2008 5:00	13	1.2	2.7	236	6.8	44.2	68
7/29/2008 6:00	59	1.1	2.5	225	7.7	45.9	64
7/29/2008 7:00	37	1.3	2.9	235	11.4	52.5	51
7/29/2008 8:00	38	1.6	3.6	187	15.7	60.3	41
7/29/2008 9:00	26	2.1	4.7	175	19.9	67.8	32
7/29/2008 10:00	27	2.0	4.5	171	24.4	75.9	26
7/29/2008 11:00	30	2.0	4.5	150	27.4	81.3	20
7/29/2008 12:00	102	3.5	7.8	234	28.0	82.4	19
7/29/2008 13:00	78	5.7	12.8	245	28.6	83.5	17
7/29/2008 14:00	67	5.3	11.9	243	29.2	84.6	16
7/29/2008 15:00	112	4.5	10.1	234	29.5	85.1	13
7/29/2008 16:00	101	5.2	11.6	239	28.6	83.5	16
7/29/2008 17:00	83	3.5	7.8	236	28.8	83.8	16
7/29/2008 18:00	32	3.3	7.4	239	28.5	83.3	15
7/29/2008 19:00	38	3.9	8.7	271	26.6	79.9	18
7/29/2008 20:00	44	2.5	5.6	277	24.3	75.7	24
7/29/2008 21:00	91	1.4	3.1	229	21.5	70.7	31
7/29/2008 22:00	55	1.8	4.0	242	19.2	66.6	33
7/29/2008 23:00	23	1.6	3.6	236	19.7	67.5	31
7/30/2008 0:00	18	1.5	3.4	227	18.4	65.1	35
7/30/2008 1:00	19	1.8	4.0	239	18.7	65.7	35
7/30/2008 2:00	23	1.1	2.5	315	15.3	59.5	47
7/30/2008 3:00	22	1.5	3.4	331	15.5	59.9	50
7/30/2008 4:00	24	1.3	2.9	293	14.4	57.9	54
7/30/2008 5:00	29	1.7	3.8	351	14.1	57.4	57
7/30/2008 6:00	46	2.0	4.5	7	13.9	57.0	57
7/30/2008 7:00	49	1.2	2.7	271	14.2	57.6	57
7/30/2008 8:00	33	1.7	3.8	347	16.1	61.0	50
7/30/2008 9:00	51	2.6	5.8	25	17.5	63.5	47
7/30/2008 10:00	33	2.4	5.4	6	19.1	66.4	43
7/30/2008 11:00	47	2.6	5.8	19	20.5	68.9	40
7/30/2008 12:00	43	2.5	5.6	346	22.4	72.3	34
7/30/2008 13:00	29	2.8	6.3	283	24.1	75.4	22
7/30/2008 14:00	36	3.7	8.3	283	24.6	76.3	21
7/30/2008 15:00	46	4.1	9.2	291	24.1	75.4	22
7/30/2008 16:00	37	4.5	10.1	296	24.3	75.7	22
7/30/2008 17:00	36	4.8	10.7	291	24.1	75.4	20
7/30/2008 18:00	27	4.8	10.7	295	23.1	73.6	20
7/30/2008 19:00	24	3.3	7.4	294	22.2	72.0	21
7/30/2008 20:00	18	2.9	6.5	306	20.4	68.7	22
7/30/2008 21:00	4	3.0	6.7	306	18.7	65.7	27

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
7/30/2008 22:00	11	2.4	5.4	355	16.3	61.3	29
7/30/2008 23:00	12	1.2	2.7	23	13.1	55.6	36
7/31/2008 0:00	11	1.3	2.9	340	11.8	53.2	40
7/31/2008 1:00	17	1.0	2.2	250	8.2	46.8	53
7/31/2008 2:00	11	0.7	1.6	236	4.8	40.6	68
7/31/2008 3:00	5	0.8	1.8	239	4.2	39.6	70
7/31/2008 4:00	12	0.9	2.0	236	4.3	39.7	66
7/31/2008 5:00	10	1.0	2.2	251	3.6	38.5	70
7/31/2008 6:00	28	0.8	1.8	254	3.4	38.1	72
7/31/2008 7:00	19	1.5	3.4	184	9.1	48.4	50
7/31/2008 8:00	32	2.6	5.8	164	13.4	56.1	42
7/31/2008 9:00	36	2.9	6.5	153	17.6	63.7	36
7/31/2008 10:00	19	1.7	3.8	162	21.4	70.5	26
7/31/2008 11:00	36	2.4	5.4	232	23.4	74.1	21
7/31/2008 12:00	32	2.4	5.4	221	24.8	76.6	19
7/31/2008 13:00	46	2.5	5.6	233	26.4	79.5	17
7/31/2008 14:00	142	3.4	7.6	232	27.1	80.8	16
7/31/2008 15:00	57	2.9	6.5	226	28.0	82.4	14
7/31/2008 16:00	55	4.0	8.9	233	28.5	83.3	12
7/31/2008 17:00	48	3.2	7.2	228	28.7	83.7	12
7/31/2008 18:00	43	2.2	4.9	227	28.9	84.0	14
7/31/2008 19:00	33	1.7	3.8	213	28.1	82.6	17
7/31/2008 20:00	56	0.8	1.8	255	23.8	74.8	30
7/31/2008 21:00	31	1.1	2.5	280	19.5	67.1	34
7/31/2008 22:00	34	1.5	3.4	234	15.9	60.6	43
7/31/2008 23:00	19	0.9	2.0	197	12.5	54.5	54
8/1/2008 0:00	19	0.9	2.0	237	10.9	51.6	57

AV = Power outage

BA = Maintenance / routine repairs

(1) These values are PM10. All subsequent values are TSP

Table 6
Warm Springs Site Hourly Average Data
Met One E-BAM
July 2008

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
7/1/2008 1:00	0	1.8	4.0	222	18.1	64.6	53
7/1/2008 2:00	6	1.2	2.7	150	14.6	58.3	65
7/1/2008 3:00	2	1.6	3.6	157	15.3	59.5	57
7/1/2008 4:00	15	1.4	3.1	177	14.4	57.9	62
7/1/2008 5:00	5	0.8	1.8	262	9.8	49.6	78
7/1/2008 6:00	8	1.4	3.1	178	10.4	50.7	79
7/1/2008 7:00	10	1.1	2.5	206	15.1	59.2	62
7/1/2008 8:00	24	0.6	1.3	186	18.3	64.9	55
7/1/2008 9:00	11	0.8	1.8	349	18.4	65.1	59
7/1/2008 10:00	11	0.9	2.0	322	21.2	70.2	46
7/1/2008 11:00	BA	1.2	2.7	318	21.9	71.4	48
7/1/2008 12:00	14	1.0	2.2	320	22.7	72.9	46
7/1/2008 13:00	35	3.9	8.7	203	22.9	73.2	46
7/1/2008 14:00	-5	2.4	5.4	218	20.5	68.9	54
7/1/2008 15:00	15	1.5	3.4	114	23.2	73.8	46
7/1/2008 16:00	8	1.1	2.5	126	25.7	78.3	34
7/1/2008 17:00	4	1.7	3.8	6	25.7	78.3	37
7/1/2008 18:00	7	1.2	2.7	3	26.3	79.3	35
7/1/2008 19:00	7	1.4	3.1	349	24.9	76.8	43
7/1/2008 20:00	6	3.3	7.4	303	20.3	68.5	57
7/1/2008 21:00	1	4.2	9.4	257	17.7	63.9	59
7/1/2008 22:00	8	1.7	3.8	10	15.1	59.2	75
7/1/2008 23:00	10	2.7	6.0	332	12.8	55.0	87
7/2/2008 0:00	19	1.1	2.5	8	11.5	52.7	92
7/2/2008 1:00	13	0.7	1.6	253	9.9	49.8	93
7/2/2008 2:00	81	0.4	0.9	272	9.9	49.8	94
7/2/2008 3:00	4	0.6	1.3	242	8.9	48.0	94
7/2/2008 4:00	9	0.7	1.6	265	8.3	46.9	93
7/2/2008 5:00	-1	0.7	1.6	157	9.1	48.4	94
7/2/2008 6:00	14	0.8	1.8	204	9.9	49.8	92
7/2/2008 7:00	34	1.0	2.2	232	12.0	53.6	83
7/2/2008 8:00	0	0.9	2.0	229	14.8	58.6	73
7/2/2008 9:00	6	1.1	2.5	29	17.2	63.0	64
7/2/2008 10:00	8	1.5	3.4	4	18.8	65.8	61
7/2/2008 11:00	20	1.9	4.3	351	20.2	68.4	58
7/2/2008 12:00	2	2.0	4.5	350	20.5	68.9	59
7/2/2008 13:00	4	1.7	3.8	6	21.4	70.5	54
7/2/2008 14:00	14	2.1	4.7	0	23.5	74.3	49
7/2/2008 15:00	12	2.3	5.1	356	24.1	75.4	47
7/2/2008 16:00	7	2.6	5.8	353	24.3	75.7	46
7/2/2008 17:00	11	2.5	5.6	351	24.2	75.6	47
7/2/2008 18:00	9	2.5	5.6	349	23.9	75.0	47
7/2/2008 19:00	10	2.0	4.5	336	21.6	70.9	58
7/2/2008 20:00	14	1.4	3.1	330	20.5	68.9	63
7/2/2008 21:00	13	0.7	1.6	252	16.3	61.3	79
7/2/2008 22:00	14	0.5	1.1	78	14.4	57.9	84
7/2/2008 23:00	12	0.6	1.3	249	12.5	54.5	90
7/3/2008 0:00	6	0.6	1.3	143	11.7	53.1	90
7/3/2008 1:00	5	0.7	1.6	154	11.2	52.2	89
7/3/2008 2:00	16	0.8	1.8	174	11.0	51.8	89
7/3/2008 3:00	3	1.0	2.2	170	11.5	52.7	88
7/3/2008 4:00	21	0.8	1.8	231	10.3	50.5	89
7/3/2008 5:00	2	1.1	2.5	171	9.9	49.8	92
7/3/2008 6:00	35	0.9	2.0	229	10.8	51.4	88
7/3/2008 7:00	-2	1.2	2.7	181	13.6	56.5	77
7/3/2008 8:00	18	1.1	2.5	181	17.5	63.5	63
7/3/2008 9:00	12	0.9	2.0	309	19.7	67.5	58
7/3/2008 10:00	16	1.2	2.7	328	21.9	71.4	55
7/3/2008 11:00	12	1.3	2.9	16	23.9	75.0	51
7/3/2008 12:00	15	1.7	3.8	342	25.5	77.9	45
7/3/2008 13:00	17	1.6	3.6	345	27.3	81.1	38
7/3/2008 14:00	9	2.0	4.5	342	28.7	83.7	35
7/3/2008 15:00	18	1.7	3.8	353	29.0	84.2	32
7/3/2008 16:00	18	1.9	4.3	355	30.0	86.0	30
7/3/2008 17:00	10	2.1	4.7	345	28.6	83.5	35
7/3/2008 18:00	15	1.4	3.1	333	25.5	77.9	50
7/3/2008 19:00	24	1.2	2.7	308	24.1	75.4	53
7/3/2008 20:00	26	1.9	4.3	126	25.1	77.2	41
7/3/2008 21:00	12	2.9	6.5	202	21.7	71.1	51
7/3/2008 22:00	87	3.9	8.7	159	21.0	69.8	56
7/3/2008 23:00	15	3.1	6.9	203	20.3	68.5	61
7/4/2008 0:00	21	3.1	6.9	158	21.0	69.8	55
7/4/2008 1:00	13	3.0	6.7	210	20.3	68.5	53
7/4/2008 2:00	11	3.2	7.2	200	20.4	68.7	51
7/4/2008 3:00	8	2.8	6.3	234	20.7	69.3	49
7/4/2008 4:00	14	2.3	5.1	171	19.5	67.1	54
7/4/2008 5:00	9	1.1	2.5	189	15.9	60.6	68
7/4/2008 6:00	10	1.2	2.7	223	15.2	59.4	69
7/4/2008 7:00	15	2.8	6.3	199	19.9	67.8	53
7/4/2008 8:00	17	2.6	5.8	202	23.3	73.9	44
7/4/2008 9:00	17	2.7	6.0	198	26.4	79.5	34
7/4/2008 10:00	11	3.2	7.2	157	27.6	81.7	30
7/4/2008 11:00	10	2.5	5.6	170	29.6	85.3	27
7/4/2008 12:00	9	3.2	7.2	161	30.9	87.6	24
7/4/2008 13:00	11	2.0	4.5	154	33.0	91.4	20

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
7/4/2008 14:00	19	2.2	4.9	28	32.5	90.5	27
7/4/2008 15:00	2	1.8	4.0	42	28.0	82.4	36
7/4/2008 16:00	30	3.1	6.9	24	25.4	77.7	42
7/4/2008 17:00	16	1.5	3.4	20	19.9	67.8	70
7/4/2008 18:00	17	1.2	2.7	6	19.2	66.6	75
7/4/2008 19:00	16	1.1	2.5	357	19.2	66.6	76
7/4/2008 20:00	34	2.9	6.5	325	18.3	64.9	78
7/4/2008 21:00	0	1.4	3.1	256	14.4	57.9	92
7/4/2008 22:00	42	1.0	2.2	172	14.7	58.5	92
7/4/2008 23:00	14	0.8	1.8	4	13.7	56.7	93
7/5/2008 0:00	36	0.8	1.8	311	12.1	53.8	93
7/5/2008 1:00	4	0.5	1.1	182	11.8	53.2	94
7/5/2008 2:00	1	0.6	1.3	301	10.6	51.1	94
7/5/2008 3:00	12	0.7	1.6	9	10.5	50.9	94
7/5/2008 4:00	45	0.6	1.3	241	9.8	49.6	94
7/5/2008 5:00	31	0.8	1.8	191	9.9	49.8	95
7/5/2008 6:00	22	1.2	2.7	181	11.1	52.0	94
7/5/2008 7:00	41	1.1	2.5	181	12.9	55.2	89
7/5/2008 8:00	30	0.9	2.0	168	15.0	59.0	82
7/5/2008 9:00	15	0.5	1.1	114	15.2	59.4	83
7/5/2008 10:00	33	1.0	2.2	359	17.7	63.9	71
7/5/2008 11:00	26	0.8	1.8	7	17.9	64.2	70
7/5/2008 12:00	22	0.9	2.0	98	19.6	67.3	61
7/5/2008 13:00	19	1.3	2.9	97	20.9	69.6	55
7/5/2008 14:00	23	1.3	2.9	301	21.0	69.8	56
7/5/2008 15:00	17	1.4	3.1	23	20.4	68.7	61
7/5/2008 16:00	20	1.1	2.5	32	21.8	71.2	52
7/5/2008 17:00	13	1.2	2.7	31	22.6	72.7	49
7/5/2008 18:00	10	1.2	2.7	14	22.6	72.7	47
7/5/2008 19:00	7	0.9	2.0	55	22.2	72.0	45
7/5/2008 20:00	8	0.8	1.8	67	20.5	68.9	50
7/5/2008 21:00	8	0.5	1.1	44	16.8	62.2	61
7/5/2008 22:00	10	0.7	1.6	273	11.4	52.5	83
7/5/2008 23:00	10	0.5	1.1	296	10.5	50.9	85
7/6/2008 0:00	17	0.5	1.1	254	9.4	48.9	90
7/6/2008 1:00	13	0.6	1.3	275	8.8	47.8	88
7/6/2008 2:00	20	0.9	2.0	137	9.3	48.7	87
7/6/2008 3:00	10	1.1	2.5	145	9.8	49.6	82
7/6/2008 4:00	16	0.7	1.6	242	7.0	44.6	89
7/6/2008 5:00	-3	0.7	1.6	243	5.6	42.1	92
7/6/2008 6:00	24	1.2	2.7	190	7.6	45.7	88
7/6/2008 7:00	7	1.6	3.6	195	11.5	52.7	74
7/6/2008 8:00	19	1.2	2.7	187	15.5	59.9	61
7/6/2008 9:00	-3	1.0	2.2	155	18.6	65.5	48
7/6/2008 10:00	2	1.1	2.5	47	21.2	70.2	43
7/6/2008 11:00	15	1.4	3.1	15	22.4	72.3	41
7/6/2008 12:00	9	1.5	3.4	6	22.9	73.2	41
7/6/2008 13:00	9	1.7	3.8	1	23.7	74.7	38
7/6/2008 14:00	0	1.7	3.8	7	24.2	75.6	38
7/6/2008 15:00	16	1.7	3.8	14	25.2	77.4	35
7/6/2008 16:00	11	1.7	3.8	7	25.9	78.6	33
7/6/2008 17:00	11	2.0	4.5	355	25.4	77.7	35
7/6/2008 18:00	-1	1.5	3.4	359	24.2	75.6	37
7/6/2008 19:00	16	1.2	2.7	22	24.2	75.6	37
7/6/2008 20:00	9	1.1	2.5	60	22.2	72.0	43
7/6/2008 21:00	-1	1.0	2.2	81	19.2	66.6	49
7/6/2008 22:00	2	1.1	2.5	86	17.1	62.8	54
7/6/2008 23:00	5	1.0	2.2	33	16.6	61.9	53
7/7/2008 0:00	9	1.0	2.2	25	13.6	56.5	66
7/7/2008 1:00	5	0.8	1.8	28	11.8	53.2	70
7/7/2008 2:00	6	0.9	2.0	210	9.3	48.7	79
7/7/2008 3:00	6	1.2	2.7	183	9.9	49.8	75
7/7/2008 4:00	16	0.6	1.3	325	6.6	43.9	85
7/7/2008 5:00	-5	0.9	2.0	189	5.4	41.7	87
7/7/2008 6:00	9	0.9	2.0	188	6.8	44.2	79
7/7/2008 7:00	2	1.3	2.9	182	10.8	51.4	67
7/7/2008 8:00	6	1.1	2.5	195	15.2	59.4	51
7/7/2008 9:00	17	1.0	2.2	10	18.1	64.6	45
7/7/2008 10:00	8	1.4	3.1	15	19.6	67.3	45
7/7/2008 11:00	8	1.9	4.3	1	20.6	69.1	44
7/7/2008 12:00	11	2.0	4.5	351	21.9	71.4	41
7/7/2008 13:00	16	1.8	4.0	6	23.1	73.6	37
7/7/2008 14:00	10	1.6	3.6	21	24.7	76.5	34
7/7/2008 15:00	4	1.8	4.0	351	26.1	79.0	29
7/7/2008 16:00	16	2.4	5.4	352	26.2	79.2	29
7/7/2008 17:00	18	2.2	4.9	357	25.8	78.4	31
7/7/2008 18:00	13	1.5	3.4	12	25.9	78.6	29
7/7/2008 19:00	17	1.3	2.9	28	24.6	76.3	33
7/7/2008 20:00	17	1.2	2.7	16	21.9	71.4	39
7/7/2008 21:00	15	1.0	2.2	346	17.7	63.9	52
7/7/2008 22:00	8	1.1	2.5	186	16.1	61.0	53
7/7/2008 23:00	18	1.1	2.5	278	15.4	59.7	51
7/8/2008 0:00	32	1.2	2.7	275	15.8	60.4	42
7/8/2008 1:00	26	1.1	2.5	328	13.2	55.8	54
7/8/2008 2:00	16	0.8	1.8	15	9.8	49.6	69
7/8/2008 3:00	20	0.7	1.6	280	7.3	45.1	76
7/8/2008 4:00	28	1.0	2.2	144	7.2	45.0	77
7/8/2008 5:00	21	1.5	3.4	148	8.8	47.8	71
7/8/2008 6:00	28	1.3	2.9	128	8.6	47.5	72
7/8/2008 7:00	13	1.9	4.3	145	12.4	54.3	60

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
7/8/2008 8:00	28	1.8	4.0	148	16.4	61.5	50
7/8/2008 9:00	22	1.5	3.4	220	20.7	69.3	34
7/8/2008 10:00	15	1.9	4.3	103	21.5	70.7	33
7/8/2008 11:00	21	1.5	3.4	84	22.9	73.2	31
7/8/2008 12:00	11	1.7	3.8	15	23.8	74.8	29
7/8/2008 13:00	10	2.0	4.5	0	24.5	76.1	29
7/8/2008 14:00	15	1.8	4.0	354	25.4	77.7	29
7/8/2008 15:00	12	1.8	4.0	11	26.5	79.7	28
7/8/2008 16:00	5	1.6	3.6	16	27.0	80.6	25
7/8/2008 17:00	13	1.8	4.0	14	27.0	80.6	25
7/8/2008 18:00	11	1.6	3.6	32	26.3	79.3	25
7/8/2008 19:00	15	1.3	2.9	50	25.3	77.5	29
7/8/2008 20:00	15	1.2	2.7	75	23.2	73.8	32
7/8/2008 21:00	10	0.6	1.3	267	18.3	64.9	43
7/8/2008 22:00	10	0.9	2.0	278	12.0	53.6	71
7/8/2008 23:00	5	1.0	2.2	165	11.6	52.9	71
7/9/2008 0:00	16	1.3	2.9	150	12.2	54.0	64
7/9/2008 1:00	15	0.9	2.0	162	12.0	53.6	63
7/9/2008 2:00	11	0.8	1.8	123	9.0	48.2	76
7/9/2008 3:00	5	1.0	2.2	160	8.7	47.7	75
7/9/2008 4:00	9	1.3	2.9	183	9.0	48.2	71
7/9/2008 5:00	4	1.7	3.8	164	8.9	48.0	71
7/9/2008 6:00	14	1.9	4.3	207	9.4	48.9	70
7/9/2008 7:00	9	1.6	3.6	203	12.6	54.7	61
7/9/2008 8:00	24	2.0	4.5	177	17.1	62.8	49
7/9/2008 9:00	14	2.3	5.1	176	20.9	69.6	39
7/9/2008 10:00	13	2.5	5.6	177	22.9	73.2	33
7/9/2008 11:00	18	2.5	5.6	156	24.5	76.1	30
7/9/2008 12:00	11	2.0	4.5	164	26.5	79.7	22
7/9/2008 13:00	12	1.5	3.4	50	27.7	81.9	21
7/9/2008 14:00	12	1.6	3.6	348	28.4	83.1	22
7/9/2008 15:00	10	1.6	3.6	356	29.2	84.6	21
7/9/2008 16:00	8	1.8	4.0	359	29.5	85.1	21
7/9/2008 17:00	12	1.7	3.8	26	29.3	84.7	22
7/9/2008 18:00	15	2.0	4.5	1	28.4	83.1	26
7/9/2008 19:00	34	1.9	4.3	343	27.2	81.0	26
7/9/2008 20:00	20	0.9	2.0	306	24.8	76.6	35
7/9/2008 21:00	-3	0.5	1.1	168	18.1	64.6	49
7/9/2008 22:00	8	0.7	1.6	113	14.4	57.9	60
7/9/2008 23:00	9	0.8	1.8	145	13.1	55.6	63
7/10/2008 0:00	10	1.0	2.2	147	12.8	55.0	58
7/10/2008 1:00	3	1.1	2.5	172	12.0	53.6	56
7/10/2008 2:00	14	1.0	2.2	180	11.7	53.1	55
7/10/2008 3:00	7	0.8	1.8	231	10.5	50.9	59
7/10/2008 4:00	6	1.8	4.0	196	11.6	52.9	54
7/10/2008 5:00	5	1.6	3.6	193	11.4	52.5	54
7/10/2008 6:00	5	2.3	5.1	194	12.1	53.8	52
7/10/2008 7:00	26	2.6	5.8	201	15.9	60.6	45
7/10/2008 8:00	22	2.3	5.1	197	20.0	68.0	38
7/10/2008 9:00	16	2.7	6.0	195	23.7	74.7	31
7/10/2008 10:00	18	3.4	7.6	223	25.7	78.3	24
7/10/2008 11:00	15	3.0	6.7	234	27.1	80.8	22
7/10/2008 12:00	14	3.3	7.4	284	28.2	82.8	18
7/10/2008 13:00	12	3.9	8.7	277	28.9	84.0	18
7/10/2008 14:00	14	4.7	10.5	281	29.6	85.3	17
7/10/2008 15:00	12	4.9	11.0	284	29.5	85.1	19
7/10/2008 16:00	23	5.5	12.3	287	29.2	84.6	19
7/10/2008 17:00	19	5.6	12.5	289	28.8	83.8	18
7/10/2008 18:00	17	5.7	12.8	292	27.6	81.7	19
7/10/2008 19:00	12	5.6	12.5	292	26.0	78.8	22
7/10/2008 20:00	12	5.2	11.6	291	24.0	75.2	24
7/10/2008 21:00	9	3.9	8.7	280	21.5	70.7	27
7/10/2008 22:00	27	3.6	8.1	271	19.7	67.5	26
7/10/2008 23:00	17	1.8	4.0	274	16.3	61.3	34
7/11/2008 0:00	20	2.1	4.7	302	15.2	59.4	34
7/11/2008 1:00	45	2.8	6.3	266	15.9	60.6	34
7/11/2008 2:00	41	2.2	4.9	254	14.4	57.9	37
7/11/2008 3:00	36	2.4	5.4	287	12.5	54.5	33
7/11/2008 4:00	37	2.5	5.6	279	11.4	52.5	29
7/11/2008 5:00	24	2.2	4.9	306	9.2	48.6	29
7/11/2008 6:00	18	1.6	3.6	327	8.1	46.6	32
7/11/2008 7:00	17	2.0	4.5	289	11.3	52.3	26
7/11/2008 8:00	22	1.5	3.4	51	12.8	55.0	22
7/11/2008 9:00	22	1.8	4.0	55	13.9	57.0	23
7/11/2008 10:00	12	1.7	3.8	25	14.9	58.8	23
7/11/2008 11:00	19	1.7	3.8	31	16.0	60.8	22
7/11/2008 12:00	7	1.8	4.0	20	17.2	63.0	21
7/11/2008 13:00	11	1.6	3.6	16	18.4	65.1	19
7/11/2008 14:00	0	2.1	4.7	0	19.5	67.1	21
7/11/2008 15:00	14	1.9	4.3	30	20.9	69.6	19
7/11/2008 16:00	-1	1.9	4.3	13	21.5	70.7	17
7/11/2008 17:00	7	1.8	4.0	9	21.6	70.9	17
7/11/2008 18:00	8	1.4	3.1	23	21.8	71.2	16
7/11/2008 19:00	7	1.5	3.4	35	20.4	68.7	19
7/11/2008 20:00	6	1.3	2.9	59	18.4	65.1	23
7/11/2008 21:00	2	0.6	1.3	331	12.9	55.2	40
7/11/2008 22:00	7	0.5	1.1	27	11.2	52.2	43
7/11/2008 23:00	14	0.7	1.6	294	6.0	42.8	65
7/12/2008 0:00	6	0.7	1.6	207	4.9	40.8	67
7/12/2008 1:00	1	1.4	3.1	178	5.6	42.1	62

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
7/12/2008 2:00	4	1.2	2.7	156	4.6	40.3	63
7/12/2008 3:00	2	0.9	2.0	171	3.9	39.0	63
7/12/2008 4:00	2	0.7	1.6	168	2.7	36.9	69
7/12/2008 5:00	0	0.8	1.8	207	1.7	35.1	71
7/12/2008 6:00	7	1.6	3.6	201	3.0	37.4	64
7/12/2008 7:00	3	1.7	3.8	195	7.7	45.9	49
7/12/2008 8:00	17	1.7	3.8	207	12.6	54.7	38
7/12/2008 9:00	8	1.0	2.2	254	16.2	61.2	30
7/12/2008 10:00	10	1.5	3.4	359	17.8	64.0	32
7/12/2008 11:00	16	1.6	3.6	351	19.2	66.6	28
7/12/2008 12:00	3	1.4	3.1	307	21.2	70.2	23
7/12/2008 13:00	5	1.7	3.8	331	22.6	72.7	21
7/12/2008 14:00	8	1.5	3.4	350	24.1	75.4	19
7/12/2008 15:00	4	1.8	4.0	353	25.1	77.2	19
7/12/2008 16:00	3	1.9	4.3	351	25.7	78.3	19
7/12/2008 17:00	3	1.9	4.3	360	25.9	78.6	19
7/12/2008 18:00	8	2.1	4.7	349	25.2	77.4	23
7/12/2008 19:00	4	1.6	3.6	349	24.5	76.1	26
7/12/2008 20:00	9	0.7	1.6	334	22.5	72.5	34
7/12/2008 21:00	-5	0.8	1.8	268	13.7	56.7	66
7/12/2008 22:00	8	0.9	2.0	229	11.1	52.0	64
7/12/2008 23:00	10	1.2	2.7	153	11.2	52.2	61
7/13/2008 0:00	6	1.4	3.1	162	10.2	50.4	58
7/13/2008 1:00	3	1.2	2.7	176	9.6	49.3	59
7/13/2008 2:00	3	1.3	2.9	169	8.5	47.3	60
7/13/2008 3:00	8	1.2	2.7	173	8.4	47.1	60
7/13/2008 4:00	10	1.2	2.7	200	7.9	46.2	58
7/13/2008 5:00	4	1.7	3.8	192	7.0	44.6	60
7/13/2008 6:00	7	1.2	2.7	192	6.8	44.2	61
7/13/2008 7:00	2	1.9	4.3	197	10.8	51.4	50
7/13/2008 8:00	13	1.4	3.1	207	16.3	61.3	35
7/13/2008 9:00	19	1.0	2.2	113	20.0	68.0	28
7/13/2008 10:00	11	1.6	3.6	11	22.0	71.6	30
7/13/2008 11:00	10	1.7	3.8	357	23.3	73.9	27
7/13/2008 12:00	7	1.8	4.0	358	25.0	77.0	20
7/13/2008 13:00	4	1.9	4.3	2	26.4	79.5	19
7/13/2008 14:00	7	1.8	4.0	8	27.0	80.6	19
7/13/2008 15:00	7	1.7	3.8	4	27.9	82.2	18
7/13/2008 16:00	1	1.6	3.6	10	28.5	83.3	16
7/13/2008 17:00	-1	1.7	3.8	15	28.7	83.7	16
7/13/2008 18:00	11	1.9	4.3	354	28.0	82.4	19
7/13/2008 19:00	9	2.1	4.7	312	26.4	79.5	24
7/13/2008 20:00	2	3.1	6.9	277	23.3	73.9	28
7/13/2008 21:00	2	1.4	3.1	272	17.8	64.0	42
7/13/2008 22:00	11	1.1	2.5	266	13.6	56.5	55
7/13/2008 23:00	9	0.8	1.8	251	11.5	52.7	59
7/14/2008 0:00	6	0.8	1.8	98	11.1	52.0	60
7/14/2008 1:00	10	1.1	2.5	144	12.3	54.1	52
7/14/2008 2:00	9	1.3	2.9	228	12.5	54.5	52
7/14/2008 3:00	3	1.2	2.7	188	12.3	54.1	49
7/14/2008 4:00	9	1.4	3.1	163	12.5	54.5	48
7/14/2008 5:00	4	1.8	4.0	200	12.0	53.6	48
7/14/2008 6:00	7	2.2	4.9	170	11.5	52.7	50
7/14/2008 7:00	8	2.0	4.5	161	12.7	54.9	49
7/14/2008 8:00	20	2.7	6.0	192	17.8	64.0	37
7/14/2008 9:00	15	3.1	6.9	194	21.1	70.0	31
7/14/2008 10:00	13	3.4	7.6	214	24.1	75.4	26
7/14/2008 11:00	17	4.3	9.6	286	25.7	78.3	23
7/14/2008 12:00	12	4.8	10.7	274	26.6	79.9	20
7/14/2008 13:00	17	4.7	10.5	261	27.2	81.0	18
7/14/2008 14:00	12	5.0	11.2	263	27.8	82.0	16
7/14/2008 15:00	7	5.0	11.2	266	28.1	82.6	14
7/14/2008 16:00	4	4.5	10.1	265	28.2	82.8	13
7/14/2008 17:00	10	4.4	9.8	272	27.9	82.2	12
7/14/2008 18:00	1	3.8	8.5	284	27.3	81.1	13
7/14/2008 19:00	7	2.9	6.5	302	25.9	78.6	18
7/14/2008 20:00	1	1.5	3.4	310	22.6	72.7	26
7/14/2008 21:00	4	0.6	1.3	286	16.8	62.2	40
7/14/2008 22:00	-5	1.1	2.5	74	14.6	58.3	40
7/14/2008 23:00	15	1.0	2.2	59	15.0	59.0	44
7/15/2008 0:00	6	0.8	1.8	41	11.7	53.1	55
7/15/2008 1:00	-5	1.2	2.7	201	11.4	52.5	51
7/15/2008 2:00	8	1.0	2.2	129	11.2	52.2	51
7/15/2008 3:00	-2	1.0	2.2	181	8.0	46.4	66
7/15/2008 4:00	3	1.4	3.1	191	10.0	50.0	53
7/15/2008 5:00	10	1.1	2.5	167	10.3	50.5	50
7/15/2008 6:00	7	1.2	2.7	197	10.7	51.3	50
7/15/2008 7:00	18	1.3	2.9	188	12.3	54.1	51
7/15/2008 8:00	21	1.5	3.4	222	14.4	57.9	48
7/15/2008 9:00	20	1.4	3.1	47	15.3	59.5	54
7/15/2008 10:00	16	1.1	2.5	25	19.3	66.7	40
7/15/2008 11:00	23	1.6	3.6	11	21.8	71.2	35
7/15/2008 12:00	18	2.1	4.7	19	22.8	73.0	31
7/15/2008 13:00	13	2.4	5.4	2	24.1	75.4	29
7/15/2008 14:00	16	2.6	5.8	355	24.8	76.6	31
7/15/2008 15:00	12	2.4	5.4	354	24.7	76.5	32
7/15/2008 16:00	16	2.3	5.1	4	26.0	78.8	30
7/15/2008 17:00	9	2.1	4.7	3	25.9	78.6	30
7/15/2008 18:00	15	2.0	4.5	9	25.2	77.4	32
7/15/2008 19:00	19	1.8	4.0	24	24.7	76.5	35
7/15/2008 20:00	19	2.2	4.9	15	21.3	70.3	40

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
7/15/2008 21:00	22	1.5	3.4	38	19.9	67.8	41
7/15/2008 22:00	19	0.9	2.0	338	18.1	64.6	47
7/15/2008 23:00	16	0.8	1.8	275	14.2	57.6	63
7/16/2008 0:00	16	0.6	1.3	177	13.2	55.8	66
7/16/2008 1:00	14	1.2	2.7	164	11.8	53.2	68
7/16/2008 2:00	11	1.2	2.7	149	10.9	51.6	68
7/16/2008 3:00	8	0.9	2.0	164	10.0	50.0	70
7/16/2008 4:00	17	0.9	2.0	231	8.0	46.4	74
7/16/2008 5:00	9	0.7	1.6	144	8.3	46.9	74
7/16/2008 6:00	11	1.0	2.2	200	11.0	51.8	64
7/16/2008 7:00	22	1.1	2.5	221	12.5	54.5	60
7/16/2008 8:00	11	1.0	2.2	330	14.0	57.2	62
7/16/2008 9:00	29	1.0	2.2	28	17.0	62.6	54
7/16/2008 10:00	18	1.4	3.1	197	20.5	68.9	42
7/16/2008 11:00	35	2.7	6.0	190	23.5	74.3	35
7/16/2008 12:00	37	3.5	7.8	197	25.2	77.4	31
7/16/2008 13:00	28	2.1	4.7	142	25.3	77.5	32
7/16/2008 14:00	29	2.4	5.4	272	25.4	77.7	29
7/16/2008 15:00	34	2.0	4.5	105	24.7	76.5	33
7/16/2008 16:00	30	3.2	7.2	201	25.5	77.9	27
7/16/2008 17:00	28	1.9	4.3	218	25.8	78.4	27
7/16/2008 18:00	30	4.0	8.9	279	22.9	73.2	31
7/16/2008 19:00	44	1.9	4.3	226	23.6	74.5	30
7/16/2008 20:00	30	1.1	2.5	201	21.3	70.3	41
7/16/2008 21:00	21	1.7	3.8	214	17.8	64.0	53
7/16/2008 22:00	23	0.7	1.6	83	14.2	57.6	67
7/16/2008 23:00	33	0.6	1.3	254	10.9	51.6	78
7/17/2008 0:00	17	0.7	1.6	270	8.8	47.8	79
7/17/2008 1:00	21	0.6	1.3	220	9.7	49.5	76
7/17/2008 2:00	27	0.5	1.1	205	10.0	50.0	74
7/17/2008 3:00	20	1.2	2.7	161	10.5	50.9	69
7/17/2008 4:00	23	1.0	2.2	142	9.4	48.9	73
7/17/2008 5:00	20	1.4	3.1	196	9.9	49.8	69
7/17/2008 6:00	22	1.2	2.7	207	8.8	47.8	71
7/17/2008 7:00	14	1.3	2.9	182	11.5	52.7	63
7/17/2008 8:00	16	1.7	3.8	166	14.5	58.1	55
7/17/2008 9:00	21	1.4	3.1	212	18.6	65.5	41
7/17/2008 10:00	14	1.2	2.7	311	21.5	70.7	35
7/17/2008 11:00	12	1.3	2.9	8	23.1	73.6	29
7/17/2008 12:00	14	1.7	3.8	335	24.6	76.3	30
7/17/2008 13:00	8	2.1	4.7	331	25.8	78.4	28
7/17/2008 14:00	11	2.1	4.7	292	26.8	80.2	24
7/17/2008 15:00	10	2.4	5.4	260	27.4	81.3	23
7/17/2008 16:00	14	1.9	4.3	358	26.9	80.4	25
7/17/2008 17:00	20	2.0	4.5	356	27.3	81.1	25
7/17/2008 18:00	18	1.9	4.3	356	27.0	80.6	26
7/17/2008 19:00	11	1.8	4.0	351	25.1	77.2	31
7/17/2008 20:00	6	1.6	3.6	342	21.8	71.2	38
7/17/2008 21:00	2	0.9	2.0	337	16.9	62.4	50
7/17/2008 22:00	28	0.6	1.3	332	16.3	61.3	50
7/17/2008 23:00	12	0.8	1.8	254	12.8	55.0	67
7/18/2008 0:00	19	0.7	1.6	172	13.0	55.4	63
7/18/2008 1:00	5	1.1	2.5	159	11.9	53.4	64
7/18/2008 2:00	6	1.1	2.5	138	10.9	51.6	64
7/18/2008 3:00	7	0.8	1.8	210	8.6	47.5	72
7/18/2008 4:00	13	0.9	2.0	185	8.2	46.8	71
7/18/2008 5:00	11	1.3	2.9	186	7.9	46.2	74
7/18/2008 6:00	1	1.4	3.1	182	8.8	47.8	74
7/18/2008 7:00	2	1.5	3.4	238	9.7	49.5	76
7/18/2008 8:00	22	2.4	5.4	174	12.9	55.2	66
7/18/2008 9:00	11	2.4	5.4	218	17.4	63.3	53
7/18/2008 10:00	19	2.3	5.1	184	20.5	68.9	43
7/18/2008 11:00	5	1.5	3.4	157	23.3	73.9	32
7/18/2008 12:00	15	1.4	3.1	259	22.9	73.2	38
7/18/2008 13:00	-4	2.0	4.5	355	22.3	72.1	43
7/18/2008 14:00	19	1.2	2.7	43	23.7	74.7	37
7/18/2008 15:00	15	0.7	1.6	91	22.6	72.7	44
7/18/2008 16:00	-5	2.1	4.7	131	20.7	69.3	48
7/18/2008 17:00	14	2.2	4.9	133	22.5	72.5	48
7/18/2008 18:00	17	1.0	2.2	78	24.9	76.8	32
7/18/2008 19:00	11	2.3	5.1	324	24.7	76.5	26
7/18/2008 20:00	1	2.0	4.5	328	21.5	70.7	26
7/18/2008 21:00	-1	0.6	1.3	70	16.3	61.3	36
7/18/2008 22:00	6	0.9	2.0	131	13.9	57.0	43
7/18/2008 23:00	2	0.9	2.0	285	11.6	52.9	51
7/19/2008 0:00	12	0.7	1.6	56	8.6	47.5	65
7/19/2008 1:00	3	0.7	1.6	275	5.8	42.4	75
7/19/2008 2:00	3	0.7	1.6	274	4.3	39.7	76
7/19/2008 3:00	5	1.1	2.5	196	6.0	42.8	74
7/19/2008 4:00	9	1.1	2.5	151	5.7	42.3	77
7/19/2008 5:00	6	1.3	2.9	177	5.4	41.7	73
7/19/2008 6:00	7	1.7	3.8	180	5.8	42.4	69
7/19/2008 7:00	0	1.5	3.4	186	8.7	47.7	61
7/19/2008 8:00	14	2.0	4.5	185	13.8	56.8	49
7/19/2008 9:00	11	2.4	5.4	181	17.8	64.0	39
7/19/2008 10:00	4	2.2	4.9	169	20.6	69.1	31
7/19/2008 11:00	10	1.7	3.8	154	22.6	72.7	24
7/19/2008 12:00	6	2.0	4.5	9	23.5	74.3	25
7/19/2008 13:00	4	1.7	3.8	16	24.6	76.3	23
7/19/2008 14:00	7	1.5	3.4	36	26.2	79.2	20

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
7/19/2008 15:00	-5	2.0	4.5	352	26.7	80.1	20
7/19/2008 16:00	5	1.6	3.6	4	27.3	81.1	17
7/19/2008 17:00	5	1.7	3.8	11	27.2	81.0	17
7/19/2008 18:00	8	1.4	3.1	8	27.0	80.6	17
7/19/2008 19:00	BA	BA	BA	BA	BA	BA	BA
7/19/2008 20:00	BA	BA	BA	BA	BA	BA	BA
7/19/2008 21:00	1	0.6	1.3	278	13.8	56.8	54
7/19/2008 22:00	10	0.6	1.3	268	11.5	52.7	57
7/19/2008 23:00	9	0.8	1.8	160	9.5	49.1	65
7/20/2008 0:00	9	1.4	3.1	156	10.0	50.0	58
7/20/2008 1:00	9	1.4	3.1	141	9.0	48.2	60
7/20/2008 2:00	4	1.2	2.7	144	8.4	47.1	59
7/20/2008 3:00	1	1.3	2.9	142	7.3	45.1	62
7/20/2008 4:00	6	1.3	2.9	173	7.6	45.7	56
7/20/2008 5:00	6	1.3	2.9	194	6.5	43.7	61
7/20/2008 6:00	13	1.4	3.1	191	8.0	46.4	55
7/20/2008 7:00	12	1.5	3.4	187	10.4	50.7	52
7/20/2008 8:00	12	2.1	4.7	210	12.2	54.0	49
7/20/2008 9:00	12	2.0	4.5	196	14.7	58.5	44
7/20/2008 10:00	11	1.0	2.2	315	16.0	60.8	47
7/20/2008 11:00	24	1.6	3.6	342	18.4	65.1	47
7/20/2008 12:00	4	1.1	2.5	23	20.4	68.7	43
7/20/2008 13:00	29	1.8	4.0	212	27.2	81.0	24
7/20/2008 14:00	9	2.8	6.3	153	29.6	85.3	20
7/20/2008 15:00	18	1.7	3.8	140	32.4	90.3	15
7/20/2008 16:00	-4	1.9	4.3	16	31.5	88.7	19
7/20/2008 17:00	65	1.9	4.3	2	31.4	88.5	18
7/20/2008 18:00	11	1.7	3.8	355	30.4	86.7	22
7/20/2008 19:00	7	1.3	2.9	356	28.7	83.7	25
7/20/2008 20:00	11	0.9	2.0	2	25.5	77.9	33
7/20/2008 21:00	2	0.7	1.6	343	19.5	67.1	45
7/20/2008 22:00	21	0.6	1.3	219	14.8	58.6	61
7/20/2008 23:00	19	0.7	1.6	199	14.2	57.6	59
7/21/2008 0:00	10	1.0	2.2	183	12.7	54.9	61
7/21/2008 1:00	15	1.2	2.7	156	12.4	54.3	60
7/21/2008 2:00	8	1.4	3.1	150	11.0	51.8	62
7/21/2008 3:00	6	1.2	2.7	161	10.6	51.1	62
7/21/2008 4:00	25	1.3	2.9	160	10.8	51.4	60
7/21/2008 5:00	16	1.6	3.6	179	10.3	50.5	61
7/21/2008 6:00	14	1.7	3.8	187	11.4	52.5	57
7/21/2008 7:00	17	1.9	4.3	188	14.3	57.7	51
7/21/2008 8:00	25	1.6	3.6	192	19.1	66.4	39
7/21/2008 9:00	22	1.2	2.7	17	21.4	70.5	40
7/21/2008 10:00	19	1.3	2.9	359	24.2	75.6	34
7/21/2008 11:00	19	1.5	3.4	352	26.6	79.9	31
7/21/2008 12:00	15	1.6	3.6	8	29.2	84.6	22
7/21/2008 13:00	17	1.9	4.3	356	31.3	88.3	17
7/21/2008 14:00	16	1.5	3.4	5	32.6	90.7	15
7/21/2008 15:00	10	1.7	3.8	4	33.1	91.6	16
7/21/2008 16:00	12	1.9	4.3	3	33.5	92.3	14
7/21/2008 17:00	10	1.9	4.3	2	32.5	90.5	16
7/21/2008 18:00	19	1.4	3.1	360	29.1	84.4	26
7/21/2008 19:00	25	0.7	1.6	322	25.8	78.4	36
7/21/2008 20:00	16	1.1	2.5	321	25.3	77.5	31
7/21/2008 21:00	20	1.1	2.5	86	25.1	77.2	32
7/21/2008 22:00	19	1.7	3.8	157	24.4	75.9	39
7/21/2008 23:00	13	2.0	4.5	168	23.5	74.3	45
7/22/2008 0:00	15	0.9	2.0	262	21.1	70.0	55
7/22/2008 1:00	10	0.6	1.3	180	18.5	65.3	66
7/22/2008 2:00	15	0.7	1.6	313	16.7	62.1	68
7/22/2008 3:00	10	0.9	2.0	167	14.2	57.6	75
7/22/2008 4:00	12	0.8	1.8	160	14.3	57.7	74
7/22/2008 5:00	22	1.3	2.9	210	13.8	56.8	74
7/22/2008 6:00	14	1.1	2.5	169	13.3	55.9	74
7/22/2008 7:00	19	1.5	3.4	188	17.1	62.8	63
7/22/2008 8:00	23	2.2	4.9	200	19.4	66.9	58
7/22/2008 9:00	34	3.6	8.1	212	17.0	62.6	73
7/22/2008 10:00	18	1.8	4.0	136	17.2	63.0	77
7/22/2008 11:00	16	1.7	3.8	210	18.3	64.9	74
7/22/2008 12:00	15	2.0	4.5	318	18.9	66.0	73
7/22/2008 13:00	27	1.7	3.8	4	21.0	69.8	59
7/22/2008 14:00	17	2.2	4.9	357	22.4	72.3	56
7/22/2008 15:00	9	2.0	4.5	350	22.3	72.1	54
7/22/2008 16:00	15	2.0	4.5	305	19.1	66.4	68
7/22/2008 17:00	-5	2.8	6.3	156	14.5	58.1	88
7/22/2008 18:00	12	2.6	5.8	218	16.1	61.0	83
7/22/2008 19:00	-2	2.4	5.4	169	17.3	63.1	76
7/22/2008 20:00	9	2.1	4.7	173	18.4	65.1	69
7/22/2008 21:00	3	1.3	2.9	193	16.1	61.0	78
7/22/2008 22:00	7	1.4	3.1	176	14.9	58.8	81
7/22/2008 23:00	7	1.2	2.7	173	14.4	57.9	82
7/23/2008 0:00	8	1.5	3.4	214	13.3	55.9	82
7/23/2008 1:00	9	0.8	1.8	103	11.0	51.8	87
7/23/2008 2:00	20	1.3	2.9	203	11.7	53.1	82
7/23/2008 3:00	16	0.9	2.0	275	8.5	47.3	93
7/23/2008 4:00	179	0.5	1.1	208	7.7	45.9	94
7/23/2008 5:00	78	0.7	1.6	269	7.5	45.5	94
7/23/2008 6:00	18	0.6	1.3	356	6.5	43.7	94
7/23/2008 7:00	24	1.1	2.5	151	9.7	49.5	92
7/23/2008 8:00	-3	2.2	4.9	200	13.6	56.5	75

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
7/23/2008 9:00	16	2.6	5.8	192	17.4	63.3	60
7/23/2008 10:00	26	2.7	6.0	187	20.5	68.9	48
7/23/2008 11:00	17	2.6	5.8	185	22.6	72.7	42
7/23/2008 12:00	14	2.3	5.1	173	24.4	75.9	37
7/23/2008 13:00	17	3.0	6.7	178	25.9	78.6	30
7/23/2008 14:00	15	3.6	8.1	195	27.3	81.1	24
7/23/2008 15:00	11	3.8	8.5	224	28.3	82.9	19
7/23/2008 16:00	12	3.4	7.6	296	26.6	79.9	29
7/23/2008 17:00	15	1.6	3.6	344	24.9	76.8	40
7/23/2008 18:00	20	1.2	2.7	23	25.8	78.4	37
7/23/2008 19:00	8	1.5	3.4	322	24.7	76.5	39
7/23/2008 20:00	16	0.8	1.8	57	22.0	71.6	45
7/23/2008 21:00	13	1.4	3.1	65	19.2	66.6	53
7/23/2008 22:00	26	1.4	3.1	42	18.3	64.9	55
7/23/2008 23:00	22	1.3	2.9	36	17.8	64.0	58
7/24/2008 0:00	24	1.5	3.4	337	16.2	61.2	67
7/24/2008 1:00	26	1.2	2.7	325	15.1	59.2	70
7/24/2008 2:00	24	0.6	1.3	286	11.8	53.2	82
7/24/2008 3:00	25	0.6	1.3	250	11.6	52.9	83
7/24/2008 4:00	25	0.6	1.3	139	10.6	51.1	88
7/24/2008 5:00	19	0.8	1.8	156	9.9	49.8	90
7/24/2008 6:00	2	0.5	1.1	22	8.3	46.9	91
7/24/2008 7:00	20	0.7	1.6	247	10.5	50.9	85
7/24/2008 8:00	23	1.3	2.9	312	15.1	59.2	61
7/24/2008 9:00	16	1.6	3.6	347	17.5	63.5	44
7/24/2008 10:00	13	2.0	4.5	351	18.6	65.5	42
7/24/2008 11:00	15	1.8	4.0	1	20.0	68.0	40
7/24/2008 12:00	12	1.9	4.3	359	21.7	71.1	38
7/24/2008 13:00	15	2.3	5.1	356	22.9	73.2	35
7/24/2008 14:00	10	2.3	5.1	352	24.3	75.7	30
7/24/2008 15:00	15	2.2	4.9	2	25.1	77.2	27
7/24/2008 16:00	12	2.0	4.5	5	25.7	78.3	24
7/24/2008 17:00	8	2.1	4.7	359	25.7	78.3	22
7/24/2008 18:00	8	1.9	4.3	3	25.3	77.5	22
7/24/2008 19:00	4	2.0	4.5	348	23.9	75.0	27
7/24/2008 20:00	8	1.0	2.2	348	21.0	69.8	34
7/24/2008 21:00	-2	1.0	2.2	329	15.4	59.7	50
7/24/2008 22:00	4	0.8	1.8	294	11.0	51.8	66
7/24/2008 23:00	15	0.7	1.6	286	8.8	47.8	77
7/25/2008 0:00	15	0.5	1.1	121	10.7	51.3	72
7/25/2008 1:00	10	0.7	1.6	170	9.4	48.9	78
7/25/2008 2:00	23	0.7	1.6	257	7.8	46.0	78
7/25/2008 3:00	1	1.1	2.5	176	7.9	46.2	79
7/25/2008 4:00	18	1.1	2.5	154	7.6	45.7	82
7/25/2008 5:00	11	0.8	1.8	158	6.7	44.1	85
7/25/2008 6:00	6	0.7	1.6	136	6.4	43.5	88
7/25/2008 7:00	1	1.2	2.7	198	9.7	49.5	75
7/25/2008 8:00	21	1.8	4.0	199	14.9	58.8	57
7/25/2008 9:00	13	1.1	2.5	251	18.4	65.1	49
7/25/2008 10:00	14	1.4	3.1	282	21.1	70.0	44
7/25/2008 11:00	9	1.4	3.1	346	23.1	73.6	41
7/25/2008 12:00	BA	BA	BA	BA	25.5	77.9	35
7/25/2008 13:00	31	1.3	2.9	4	27.8	82.0	30
7/25/2008 14:00	5	1.7	3.8	100	29.7	85.5	22
7/25/2008 15:00	10	1.9	4.3	10	30.8	87.4	23
7/25/2008 16:00	10	2.1	4.7	356	30.9	87.6	22
7/25/2008 17:00	18	2.3	5.1	349	30.6	87.1	21
7/25/2008 18:00	10	2.3	5.1	347	29.7	85.5	24
7/25/2008 19:00	21	1.3	2.9	352	28.0	82.4	30
7/25/2008 20:00	15	1.0	2.2	1	24.1	75.4	41
7/25/2008 21:00	13	0.9	2.0	343	20.4	68.7	51
7/25/2008 22:00	13	0.6	1.3	67	16.7	62.1	61
7/25/2008 23:00	6	0.6	1.3	181	13.7	56.7	76
7/26/2008 0:00	22	0.9	2.0	230	13.4	56.1	69
7/26/2008 1:00	10	0.9	2.0	145	12.6	54.7	71
7/26/2008 2:00	13	1.0	2.2	149	12.1	53.8	73
7/26/2008 3:00	10	1.1	2.5	135	11.6	52.9	74
7/26/2008 4:00	14	1.3	2.9	175	12.0	53.6	71
7/26/2008 5:00	17	1.3	2.9	187	11.6	52.9	72
7/26/2008 6:00	19	1.3	2.9	161	11.4	52.5	73
7/26/2008 7:00	19	1.5	3.4	160	14.4	57.9	65
7/26/2008 8:00	24	2.2	4.9	185	19.1	66.4	50
7/26/2008 9:00	26	1.5	3.4	184	22.4	72.3	45
7/26/2008 10:00	18	1.7	3.8	349	23.1	73.6	45
7/26/2008 11:00	22	1.4	3.1	10	25.9	78.6	39
7/26/2008 12:00	22	1.6	3.6	358	28.4	83.1	32
7/26/2008 13:00	19	3.0	6.7	256	31.2	88.2	18
7/26/2008 14:00	7	4.6	10.3	210	32.2	90.0	10
7/26/2008 15:00	13	4.2	9.4	204	32.7	90.9	8
7/26/2008 16:00	14	2.9	6.5	235	33.2	91.8	9
7/26/2008 17:00	15	2.3	5.1	350	31.7	89.1	19
7/26/2008 18:00	12	1.9	4.3	0	30.3	86.5	21
7/26/2008 19:00	26	1.3	2.9	18	28.3	82.9	28
7/26/2008 20:00	18	1.2	2.7	13	24.8	76.6	29
7/26/2008 21:00	19	1.3	2.9	358	21.9	71.4	1
7/26/2008 22:00	24	0.8	1.8	299	17.0	62.6	42
7/26/2008 23:00	22	0.9	2.0	299	15.2	59.4	58
7/27/2008 0:00	25	0.5	1.1	241	13.8	56.8	67
7/27/2008 1:00	21	0.8	1.8	254	12.1	53.8	71
7/27/2008 2:00	16	0.8	1.8	239	11.1	52.0	73

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
7/27/2008 3:00	22	1.3	2.9	203	12.8	55.0	63
7/27/2008 4:00	25	1.2	2.7	157	12.1	53.8	65
7/27/2008 5:00	18	1.0	2.2	138	10.1	50.2	74
7/27/2008 6:00	13	1.1	2.5	155	9.8	49.6	73
7/27/2008 7:00	18	1.0	2.2	182	12.8	55.0	63
7/27/2008 8:00	35	1.4	3.1	190	17.7	63.9	47
7/27/2008 9:00	33	1.1	2.5	262	20.9	69.6	40
7/27/2008 10:00	20	1.4	3.1	354	22.9	73.2	38
7/27/2008 11:00	25	1.2	2.7	94	25.4	77.7	33
7/27/2008 12:00	26	1.9	4.3	156	27.5	81.5	26
7/27/2008 13:00	21	2.6	5.8	248	27.7	81.9	24
7/27/2008 14:00	19	2.9	6.5	206	27.8	82.0	22
7/27/2008 15:00	21	2.9	6.5	208	27.9	82.2	22
7/27/2008 16:00	23	1.6	3.6	281	28.5	83.3	24
7/27/2008 17:00	28	1.7	3.8	304	29.7	85.5	22
7/27/2008 18:00	19	1.5	3.4	11	27.5	81.5	28
7/27/2008 19:00	24	1.4	3.1	25	25.3	77.5	29
7/27/2008 20:00	31	1.4	3.1	26	23.8	74.8	31
7/27/2008 21:00	22	1.0	2.2	6	21.1	70.0	37
7/27/2008 22:00	28	0.9	2.0	21	19.2	66.6	42
7/27/2008 23:00	34	1.0	2.2	317	16.9	62.4	50
7/28/2008 0:00	22	0.7	1.6	293	13.1	55.6	63
7/28/2008 1:00	18	0.5	1.1	231	12.1	53.8	65
7/28/2008 2:00	9	0.6	1.3	249	12.7	54.9	61
7/28/2008 3:00	23	0.7	1.6	192	10.1	50.2	73
7/28/2008 4:00	28	0.9	2.0	207	8.9	48.0	77
7/28/2008 5:00	28	1.2	2.7	153	9.7	49.5	73
7/28/2008 6:00	28	0.7	1.6	177	9.0	48.2	76
7/28/2008 7:00	17	0.9	2.0	183	11.7	53.1	67
7/28/2008 8:00	33	1.0	2.2	201	16.6	61.9	50
7/28/2008 9:00	22	1.1	2.5	174	19.5	67.1	44
7/28/2008 10:00	21	1.2	2.7	145	21.8	71.2	41
7/28/2008 11:00	21	1.6	3.6	13	24.2	75.6	39
7/28/2008 12:00	19	1.6	3.6	22	25.1	77.2	38
7/28/2008 13:00	14	1.6	3.6	38	27.1	80.8	30
7/28/2008 14:00	14	1.9	4.3	36	27.9	82.2	27
7/28/2008 15:00	21	2.0	4.5	41	28.2	82.8	24
7/28/2008 16:00	9	2.1	4.7	26	28.5	83.3	20
7/28/2008 17:00	12	2.2	4.9	16	28.1	82.6	20
7/28/2008 18:00	11	2.2	4.9	4	26.2	79.2	24
7/28/2008 19:00	4	1.8	4.0	10	24.6	76.3	27
7/28/2008 20:00	7	1.0	2.2	36	23.0	73.4	28
7/28/2008 21:00	11	0.9	2.0	314	17.1	62.8	48
7/28/2008 22:00	-2	0.8	1.8	290	12.0	53.6	66
7/28/2008 23:00	1	1.1	2.5	176	11.4	52.5	68
7/29/2008 0:00	9	1.1	2.5	150	12.4	54.3	58
7/29/2008 1:00	13	1.0	2.2	170	10.6	51.1	64
7/29/2008 2:00	9	0.8	1.8	165	7.8	46.0	74
7/29/2008 3:00	5	1.3	2.9	163	9.2	48.6	64
7/29/2008 4:00	7	1.7	3.8	191	10.0	50.0	58
7/29/2008 5:00	10	1.5	3.4	176	9.3	48.7	61
7/29/2008 6:00	4	1.6	3.6	178	8.6	47.5	62
7/29/2008 7:00	18	2.0	4.5	197	12.1	53.8	51
7/29/2008 8:00	27	2.3	5.1	201	16.8	62.2	40
7/29/2008 9:00	21	2.5	5.6	198	21.5	70.7	31
7/29/2008 10:00	7	2.7	6.0	194	25.6	78.1	24
7/29/2008 11:00	22	2.3	5.1	179	28.2	82.8	20
7/29/2008 12:00	15	4.3	9.6	211	29.2	84.6	18
7/29/2008 13:00	27	5.7	12.8	230	29.7	85.5	15
7/29/2008 14:00	19	5.1	11.4	211	30.5	86.9	14
7/29/2008 15:00	15	5.4	12.1	212	30.3	86.5	12
7/29/2008 16:00	22	6.1	13.6	223	29.3	84.7	15
7/29/2008 17:00	17	4.9	11.0	214	29.8	85.6	14
7/29/2008 18:00	46	4.8	10.7	214	28.0	82.4	15
7/29/2008 19:00	-5	3.2	7.2	280	25.7	78.3	24
7/29/2008 20:00	10	1.1	2.5	246	23.3	73.9	32
7/29/2008 21:00	2	1.0	2.2	110	20.0	68.0	41
7/29/2008 22:00	7	1.0	2.2	184	16.9	62.4	45
7/29/2008 23:00	16	1.4	3.1	187	17.6	63.7	38
7/30/2008 0:00	1	1.9	4.3	168	17.2	63.0	40
7/30/2008 1:00	16	1.3	2.9	290	16.6	61.9	45
7/30/2008 2:00	9	1.4	3.1	329	13.3	55.9	63
7/30/2008 3:00	17	1.0	2.2	344	14.0	57.2	61
7/30/2008 4:00	14	1.3	2.9	302	12.3	54.1	67
7/30/2008 5:00	25	1.0	2.2	36	14.7	58.5	58
7/30/2008 6:00	19	1.1	2.5	17	13.5	56.3	62
7/30/2008 7:00	-3	0.9	2.0	327	13.0	55.4	65
7/30/2008 8:00	28	1.7	3.8	333	16.6	61.9	53
7/30/2008 9:00	25	1.3	2.9	32	18.8	65.8	46
7/30/2008 10:00	14	1.6	3.6	14	20.3	68.5	43
7/30/2008 11:00	20	1.8	4.0	359	21.6	70.9	41
7/30/2008 12:00	17	1.7	3.8	342	23.2	73.8	34
7/30/2008 13:00	9	4.2	9.4	287	25.0	77.0	24
7/30/2008 14:00	13	5.3	11.9	283	25.3	77.5	22
7/30/2008 15:00	35	5.2	11.6	286	25.7	78.3	20
7/30/2008 16:00	15	5.0	11.2	289	25.6	78.1	22
7/30/2008 17:00	8	4.9	11.0	286	25.0	77.0	21
7/30/2008 18:00	5	4.6	10.3	288	24.0	75.2	22
7/30/2008 19:00	-1	4.4	9.8	306	22.2	72.0	24
7/30/2008 20:00	1	3.8	8.5	316	19.2	66.6	26
7/30/2008 21:00	-2	1.2	2.7	336	15.8	60.4	35

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
7/30/2008 22:00	0	1.3	2.9	337	13.7	56.7	38
7/30/2008 23:00	0	1.4	3.1	312	12.7	54.9	41
7/31/2008 0:00	11	1.0	2.2	269	10.0	50.0	52
7/31/2008 1:00	0	1.0	2.2	274	5.2	41.4	69
7/31/2008 2:00	3	1.1	2.5	180	6.2	43.2	64
7/31/2008 3:00	2	1.2	2.7	159	5.9	42.6	66
7/31/2008 4:00	3	1.4	3.1	171	5.5	41.9	63
7/31/2008 5:00	7	0.9	2.0	107	4.5	40.1	68
7/31/2008 6:00	3	0.8	1.8	123	4.4	39.9	70
7/31/2008 7:00	-4	1.2	2.7	181	8.2	46.8	57
7/31/2008 8:00	15	2.4	5.4	189	15.3	59.5	39
7/31/2008 9:00	12	2.8	6.3	188	19.9	67.8	32
7/31/2008 10:00	14	3.2	7.2	193	22.3	72.1	27
7/31/2008 11:00	15	3.0	6.7	165	24.2	75.6	21
7/31/2008 12:00	26	3.1	6.9	172	25.9	78.6	18
7/31/2008 13:00	3	3.1	6.9	174	27.1	80.8	17
7/31/2008 14:00	-1	3.6	8.1	202	28.3	82.9	16
7/31/2008 15:00	2	3.7	8.3	205	29.3	84.7	14
7/31/2008 16:00	3	4.6	10.3	212	29.4	84.9	11
7/31/2008 17:00	5	4.0	8.9	208	29.6	85.3	11
7/31/2008 18:00	8	3.7	8.3	206	29.2	84.6	13
7/31/2008 19:00	4	2.7	6.0	210	28.3	82.9	15
7/31/2008 20:00	9	1.2	2.7	299	24.2	75.6	28
7/31/2008 21:00	-2	0.9	2.0	305	16.7	62.1	49
7/31/2008 22:00	12	0.7	1.6	254	12.7	54.9	62
7/31/2008 23:00	6	0.6	1.3	158	11.7	53.1	65
8/1/2008 0:00	10	1.2	2.7	134	12.0	53.6	59

BA = Maintenance / routine repairs